



**Bingshan Refrigeration & Heat Transfer
Technologies Co., Ltd.
2023 Annual Report**

April, 2024

Section 1 Important Notice, Table of Contents, and Definitions

The directors and the Board of Directors, the supervisors and the Supervisory Board, and Senior staff members of Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd. (hereinafter referred to as the Company) hereby confirm that there are not any important omissions, fictitious statements or serious misleading carried in this report, and shall take all responsibilities, individual and/or joint, for the reality, accuracy and completeness of the whole contents.

Chairman of the Board of Directors of the Company Mr. Ji Zhijian, Financial Majordomo Mrs. Wang Jinxiu and the head of Accounting Department Mr. Li Sheng hereby confirm that the financial report of the annual report is true and complete.

All the directors have attended this Board meeting of the Company.

There is no significant risk having adverse influence on attainment of the Company's future development strategy and business targets. The paragraph "The prospect of the Company's future development" in Section 3 of this Annual Report describes major risks the Company may be confronted with, including the risk of Increasing market competition risk, the market promotion for new product and new technology slow, and the Accounts receivable is on the high side. See the related sections for the countermeasures to be taken by the Company.

The profit distribution proposal reviewed and adopted at this Board meeting of the Company is: Based on the total capital stock of 843,212,507 shares, the dividend of RMB 0.3 in cash (including tax) will be distributed for every 10 shares; The Company will not transfer the capital reserve to increase capital stock.

This report is written respectively in Chinese and in English. In the event of any discrepancy between the two above-mentioned versions, the Chinese version shall prevail.

CONTENTS

Section 1 Important Notice, Table of Contents, and Definitions.....	2
Section 2 About the Company and Main Financial Indicators	6
Section 3 Management discussion and analysis	9
Section 4 Corporate governance.....	20
Section 5 Environmental and social responsibility	29
Section 6 Important items.....	30
Section 7 Change in Share Capital and Shareholders' Information.....	34
Section 8 Information on Preferred Stock	37
Section 9 Information on Corporate bonds.....	38
Section 10 Financial Report.....	39

Reference Documents

The accounting statements bearing the signatures and seals of the legal representative, the financial majordomo and the accountants in charge.

2. The original copies of all the Company's documents and the original copies of the bulletins published on the newspapers designated by the China Securities Regulatory Commission in the report period.

3. Time for reference: from Monday to Friday 8:00 - 11:30 (am) 1:00 - 4:30 (pm)

Liaison persons: Mr. Song Wenbao, Ms Du Yu

Tel: 0086-411-87968130

Fax: 0086-411-87968125

Definitions

Defined item	Stands for	Meaning
Reporting period	Stands for	From Jan. 1, 2023 to Dec. 31 2023
The Company, this Company	Stands for	Bingshan Refrigeration & Heat Transfer Technologies Co.,Ltd.
Bingshan Engineering Company	Stands for	Dalian Bingshan Group Engineering Co., Ltd.,one of the subsidiaries of the Company where the Company holds 100% of its shares.
Sonyo Compressor	Stands for	Sonyo Compressor (Dalian) Co., Ltd. Formerly Panasonic Appliances Compressor (Dalian) Co., Ltd. one of the subsidiaries of the Company, where the Company holds100% of its shares.
Sonyo Refrigeration	Stands for	Sonyo Refrigeration (Dalian) Co., Ltd. Formerly Panasonic Appliances Air-conditioning and Refrigeration (Dalian) Co., Ltd., one of the subsidiary of the Company, where the Company holds 100% of its shares indirectly.
Wuxin Refrigeration	Stands for	Wuhan New World Refrigeration Industry Co., Ltd., one of the subsidiaries of the Company where the Company holds 100% of its shares.
Bingshan Guardian	Stands for	Dalian Bingshan Guardian Automation Co., Ltd. one of the subsidiaries of the Company where the Company holds 100% of its shares.

Section 2 About the Company and Main Financial Indicators

Company information

Short form of the stock	Bingshan; Bingshan B
Stock code	000530; 200530
Listed stock exchange	Shenzhen Stock Exchange
Legal name in Chinese	冰山冷热科技股份有限公司
Legal name abbreviation in Chinese	冰山冷热
Legal English name	Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.
Legal English name abbreviation	Bingshan
Legal representative	Ji Zhijian
Registered address	No.106, Liaohe East Road, Dalian Economic and Technological Development Zone
Post code of Registered address	116630
Historical changes of the Company's registered address	Due to the overall relocation, the registered address of the Company was changed from 888 Southwest Road, Shahekou District, Dalian to 106 Liaohe East Road, Dalian Economic and Technological Development Zone in March 2017.
Office address	No.106, Liaohe East Road, Dalian Economic and Technological Development Zone
Post code of Office address	116630
Internet web site of the Company	www.bingshan.cn
E-mail of the Company	000530@bingshan.com

II. Contact persons and information

	Secretary of the Board of Directors	Authorized representative for securities affairs
Name	Song Wenbao	Du Yu
Address	Bingshan Securities & Legal Affairs No.106, Liaohe East Road, Dalian Economic and Technological Development Zone	Bingshan Securities & Legal Affairs No.106, Liaohe East Road, Dalian Economic and Technological Development Zone
Tel.	0411-87968130	0411-87968822
Fax	0411-87968125	0411-87968125
E-mail	000530@bingshan.com	000530@bingshan.com

III. Information disclosure and place of preparation for inquiry

Stock exchange website where companies disclose annual reports	Shenzhen Stock Exchange
Name of the newspaper designated the address of the website for publishing this Annual Report	China Securities Daily, Securities Times and http://www.cninfo.com.cn
Place where this Annual Report was prepared for inquiry	Securities & Legal Affairs Department of the Company

IV. Alteration to the registration

Organization code	912102002423613009
Change in main business since the Company was listed	No change
Changes in the holding shareholder	No change

V. Other related information

Accounting firm engaged by the Company

Name of accounting firm	ShineWing CPAs (Special General Partnership)
Office location of accounting firm	9/F,A Building No.,8 north street of Chao Yang Men, Dong Cheng District Beijing, China
Name of signing certified public accountant	Sui Guojun, Zhang Shizhuo

Sponsor the Company appointed for performance of the consistent supervision duty in the reporting period

Applicable Not applicable

Financial consultant the Company appointed for performance of the consistent supervision duty in the reporting period

Applicable Not applicable

Name of Financial consultant	Office location of accounting firm	Name of sponsor of financial advisor	Continuous supervision period
Guotai Junan Securities Co., LTD	Guotai Junan Building, 768 Nanjing West Road, Jing 'an District, Shanghai	Dong Shuai、 Li Xiang	From November 11, 2022 to December 31, 2023

VI. Main accounting data and financial indicators

Did the Company retroactively adjust or restate the accounting data of previous years due to change in the accounting policy and correction of accounting mistakes?

Applicable Not applicable

	2023	2022	Increase/decrease compared with previous year	2021
Operating revenue	4,815,941,467.70	2,893,085,310.29	66.46%	2,089,208,256.22
Net profit attributable to shareholders of listed companies	49,375,900.83	18,731,969.48	163.59%	-269,606,893.80
Net profit belonging to the shareholders of listed companies after the deduction of non-recurring profit and loss	16,483,449.17	-272,983,508.15	106.04%	-355,596,997.40
Net cash flow from operating activities	-24,440,667.74	-56,247,299.36	56.55%	1,518,218.37
Basic earnings per share	0.06	0.02	200.00%	-0.32
Diluted earnings per share	0.06	0.02	200.00%	-0.32
Weighted average return on net asset yield	1.63%	0.61%	Increase 1.02 percentage points	-8.31%
	2023.12.31	2022.12.31	Increase/decrease compared with previous year	2021.12.31
Total assets	8,162,848,294.25	7,601,935,329.60	7.38%	5,735,570,604.67
Owner's equity attributable to shareholders of listed companies	3,047,513,577.75	3,006,120,427.03	1.38%	3,002,295,794.00

The lower of the Company's net profit before and after deduction of non-recurring gains and losses in the most recent three fiscal years are all negative, and the audit report in the last year shows that the Company's ability to continue operations is uncertain

Applicable Not applicable

The lower of the net profit before and after non-recurring gains and losses is negative

Applicable Not applicable

VII.1. Difference of accounting data between as per Chinese accounting standards and as per International Accounting Standards

Applicable Not applicable

2. Difference of accounting data between as per Chinese accounting standards and as per Foreign Accounting Standards

The difference of accounting data between as per Chinese Accounting Standards and as per International Accounting Standards was 0.

3. Explanation of reasons for differences in accounting data under domestic and foreign accounting standards

Applicable Not applicable

The difference of accounting data between as per Chinese Accounting Standards and as per International Accounting Standards was 0.

VIII. The quarter main financial indicators

	the first quarter	the second quarter	the third quarter	the fourth quarter
Operating revenue	1,072,560,425.76	1,254,976,287.29	1,274,571,520.64	1,213,833,234.01
Net profit attributable to shareholders of listed companies	25,392,393.54	32,022,005.68	14,469,128.62	-22,507,627.01
Net profit belonging to the shareholders of listed companies after the deduction of non-recurring profit and loss	13,312,360.06	32,145,810.46	1,479,838.85	-30,454,560.20
Net cash flow from operating activities	-158,425,157.75	31,630,960.77	-39,477,287.33	141,830,816.57

IX. Non-recurring profits and losses and their amounts

item	2023	2022	2021
Disposal gains and losses of non-current asset	-6,656,241.40	109,194,830.34	27,724,344.91
Government subsidies included in current profit or loss	8,263,130.89	11,878,746.43	15,993,001.31
Debt restructuring gains and losses	1,791,602.29	230,467.42	819,297.68
Profit or loss arising from contingencies unrelated to the normal operation of the company	10,206,786.86	-2,019,000.00	
Disposal gains from investments on financial assets available for sale, and gains from fair value change of financial assets available for sale	14,073,910.32	-3,694,509.36	55,245,024.14
Reversal of impairment provisions for accounts receivable subject to separate impairment testing	3,784,207.57		
The one-time expenses incurred by the enterprise due to the discontinuation of related business activities	3,928,060.93		
Other non-operating revenue or expense	2,831,968.96	8,754,118.59	-5,129,941.48
Other profit and loss items that meet the definition of non recurring profit and loss		170,729,805.79	
Influence on income tax	5,162,725.13	2,961,966.70	8,490,868.44
Influence on minority shareholders	168,249.63	397,014.88	170,754.52
Total	32,892,451.66	291,715,477.63	85,990,103.60

Section 3 Management discussion and analysis

The industry situation of the Company during the reporting period

1. Industry development trend

In recent years, the refrigeration and air conditioning industry has played an increasingly prominent role in national strategies such as food safety, energy security, consumption upgrading, energy conservation and carbon reduction. The high-end, digital, green, and service-oriented development of the industry has been rapid.

In 2023, the refrigeration and air conditioning industry is still facing a complex domestic and international market situation, with intensified market competition, difficulties in improving efficiency, and high accounts receivable, which continue to plague the operation and development of the industry.

In 2024, industry development will continue to differentiate and competition will continue to intensify. The transformation and upgrading of major enterprises in the industry will accelerate, and the pace of high-quality development will become more stable.

2. Challenges and opportunities faced by the Company

(1) Opportunities faced by the Company

Energy conservation, carbon reduction and improving energy efficiency have become the consensus of the whole society; Overall promotion of the national "double carbon" strategy; The 14th five year plan for the development of cold chain logistics has been issued, and the market demand for cold chain equipment is expected to grow rapidly; With the promulgation of the new cold storage design standard, the use opportunities of ammonia refrigerant have increased.

With the strong technology bases, innovative business model, and system advantages, the Company is capable of capturing the above opportunities in a good position.

(2) Challenges faced by the Company

The cultivation of energy conservation and emission reduction market still needs time; the transformation and upgrading process is complex.

II. The Company's Main business during the reporting period

Focusing on the hot and cold industry, the Company is committed to the development of industrial refrigeration and heating business, commercial refrigeration business, air conditioning and environment business, engineering and service business and new business fields, covering the key areas of the hot and cold industry chain and creating a complete hot and cold industry chain.

The Company's main products include piston and screw refrigeration compressors/units, as well as pressure vessels, combination warehouses, controlled atmosphere preservation warehouses, refrigeration stations, etc. The Company provides product sales and comprehensive solutions for both domestic and international markets, with self operated sales as the main focus and channel sales as the auxiliary.

In 2023, rigid demands such as food safety, energy security, consumption upgrading, energy conservation and carbon reduction will benefit the refrigeration and air conditioning industry; At the same time, the refrigeration and air conditioning industry is also facing issues such as intensified market competition and difficulties in improving efficiency. Faced with opportunities and challenges, the Company focuses on the hot and cold industries, continuously delving into advantageous segmented markets such as cold chain logistics, petrochemicals, beer and dairy products, meat slaughter, ship refrigeration, ice and snow venues, polycrystalline silicon, and vigorously expanding new businesses such as CCUS, ORC, energy storage thermal management, actively expanding and seizing the domestic market.

1. Industrial refrigeration and heating business

Industrial refrigeration is an important field reflecting the core technology of the Company. After years of development, the Company has been close to the technical level of the main international competitors in the field of industrial refrigeration, and has achieved catching up in some fields. Based on the traditional refrigeration, the Company realizes the balance of cold and heat through the utilization of heat, which greatly improves the energy utilization rate.

During the reporting period, the Company signed multiple projects with industry giants such as BASF, Covestro, PetroChina, and Sinopec, and the influence of Bingshan brand in the industry continued to increase.

2. Commercial refrigeration business

Commercial refrigeration is the Company's core business. In China, the Company takes the lead in opening up the green intelligent cold chain from the first kilometer of the field to the last 100 meters of the residential community, which is the competitive advantage of the Company.

Focusing on food refrigeration, the Company has patented products pre-cooling from the field, all kinds of quick freezing equipment and refrigeration facilities of various specifications, and China's leading experience in the design and installation of large-scale ammonia and carbon dioxide refrigerators. On the basis of absorbing the relevant experience of Japan, Europe and the United States, combined with China's new needs, to provide newer products, better solutions and fresher experience for the field of food freezing and refrigeration.

During the reporting period, the Company successfully signed multiple key projects, including the expansion project of the Red Star Cold Chain Direct Supply Center, the Fengchu Langfang Central Kitchen project, the Shanxi Wuzhai Quick Frozen Corn project, and the supply and marketing cold chain logistics project.

3. Air conditioning and environment business

In recent years, relying on the complete industrial chain, the Company has continuously carried out transformation and upgrading in the field of air conditioning and environment, developed more energy-saving and environmental protection products around the blue sky project, and accelerated the transformation and upgrading from air treatment to environmental governance.

At present, the Company has developed a series of innovative products around the market segments of commercial air conditioning, central air conditioning and special air conditioning, and provides corresponding solutions in different segments around these innovative products. For hospitals, electronic factories, high-end real estate, rail transit and other fields, provide targeted solutions.

During the reporting period, the Company increased its investment in its subsidiary, Bingshan Air Conditioning, by 30 million yuan to support the development of the air source heat pump industry.

4. Engineering and service business

Cold and hot engineering and service are the Company's advantageous business fields. In recent years, the Company has realized transformation and upgrading from the manufacturer of cold and hot equipment to the service provider of comprehensive solution of cold and hot through the development of engineering and service industry, and realized the dual wheel drive of the enterprise, and provided more professional and accurate services to each segment market, and constantly created new value for customers and realized common growth.

At present, the Company focuses on petrochemical technology, refrigeration, central air conditioning, ice and snow engineering, artificial environment and other market segments. Relying on the enterprise's industrial chain, value chain and ecosystem, the Company provides services from consulting, planning, design to manufacturing, installation, commissioning and service in the whole process and life cycle. At the same time, according to the needs of customers, promote the combination of industry and finance, and provide services

for customers through the form of project general contracting and financial leasing.

During the reporting period, the Company increased its investment in its subsidiary Bingshan Engineering by 100 million yuan and strengthened the construction of large-scale engineering platforms.

5. New business

With the deepening of China's economic transformation and upgrading, as well as the continuous introduction of environmental governance policies, the domestic industrial energy conservation and environmental protection industry is growing rapidly, the level of energy conservation and consumption reduction of enterprises and the comprehensive utilization of resources is constantly improving, and the energy industrial structure has changed. Strengthening the optimal utilization of energy has become a development trend. For low-grade energy recycling, the Company provides customers with a series of energy-saving, environmental protection, efficient new products, in line with the national strategic requirements of energy conservation, carbon reduction and sustainable development, and contributes professional wisdom to the national carbon peak and carbon neutral strategy.

During the reporting period, the Company made good progress in new businesses such as CCUS, ORC, and energy storage thermal management.

III. Analysis of core competence

The Company focuses on main business of refrigeration and heating; independent R&D and joint venture partnerships are cooperate with each other effectively; capital resources integration and business model innovation are in a positive interaction; the community of business and interest are being multi-storey created; the develop mode with Bingshan characteristic are formed.

The Company has the integrated refrigeration and heating industrial chain for offering kinds of comprehensive solution services, including design, manufacture, installation and maintenance etc., and can satisfy individual requirements preferably.

The Company possesses a mature and solid marketing networks and after-sale service network on/off-line, and can offer high quality and high value-added services more initiative and faster for clients from around the city.

Following the technical route of cold and heat balance, the Company has independently developed a series of energy-saving, environment-friendly, efficient and intelligent cold and heat technologies and products, and actively fulfilled the dual carbon responsibility.

While promoting the transformation and upgrading of its inherent business in an orderly manner, the Company actively cultivates new momentum for development, and the path of sustainable growth is increasingly clear.

During the reporting period, the Company focused on the hot and cold business, deeply cultivated the market segment, and steadily improved its sales force, product force, technical force, engineering force and service force, so as to further enhance its core competitiveness.

IV. Analysis of main business

1. summarize

In 2023, the Company focuses on the hot and cold business, deeply cultivates segmented markets, solidly enhances core competitiveness, effectively expands industry influence, and continuously strengthens its main business. In 2023, the Company achieved an operating revenue of 4,815.94 million yuan, an increase of 66.46% year-on-year; The net profit attributable to the shareholders of the listed company was 49.38 million yuan, , an increase of 163.59% year-on-year.

During the reporting period, the Company adhered to principles of innovation and accelerated development. We have independently developed multiple outstanding products, including CO₂ transcritical products, heat pump products, and energy storage thermal management products. The Company's CO₂ boosting liquefaction device was selected as an innovative product at the 2023 China Refrigeration Exhibition. The Company's falling film semi enclosed screw ice water unit has been selected for the 2022 China Refrigeration Society Energy Conservation and Ecological Environment Product and Technology Catalog. The key technology research and industrialization of the Company's CO₂ subcritical and transcritical cold and heat coupling system has won the first prize of Dalian Science and Technology Progress Award. The Company has been listed as a "Green Factory" in the 2023 Green Manufacturing List of the Ministry of Industry and Information Technology.

During the reporting period, the subsidiary of the Company, Bingshan Engineering Company, and Sonyo Refrigerator, collaborated efficiently and continued to deepen their market segmentation. In the field of product business, actively serving high-end customers, and signing multiple projects with industry giants such as BASF, Covestro, PetroChina, and Sinopec; Continue to lead the polysilicon market and vigorously expand the lithium chemical market. In the field of engineering, multiple key projects including the expansion project of Red Star Cold Chain Direct Supply Center, Fengchu Langfang Central Kitchen Project, Shanxi Wuzhai Quick Frozen Corn Project, and Supply and Marketing Cold Chain Logistics Project have successfully won the bid. In the field of energy industry, CCUS projects and energy storage thermal management projects have been rapidly promoted.

During the reporting period, the Company's subsidiary, Sonyo Compressor, achieved independent innovation and qualitative growth. R290 DC variable frequency vortex compressor for heat pump hot water has been selected as an innovative product at the 2023 China Refrigeration Exhibition. The high-power vortex compressor used in air source heat pump units has been selected as the "Guiding Catalogue for the Promotion and Application of Liaoning Province's First (Set) Major Technical Equipment". Awarded as a national level intelligent manufacturing excellent scene, provincial-level intelligent factory, provincial-level green factory, and provincial-level quality benchmark. Awarded the title of "Excellent Supplier" by Songz and Tongfei, with orderly expansion of energy storage facilities.

During the reporting period, the Company's newly added subsidiary, Sonyo Refrigeration, implemented business adjustments to pursue synergies. Peel off the multi unit air conditioning business and focus on the industrial energy-saving market, resulting in a significant year-on-year increase in orders. The marine lithium bromide absorption refrigeration unit has been selected as the "Guiding Catalogue for the Promotion and Application of the First (Set) Major Technical Equipment in Liaoning Province". Independently developing Stirling flue gas generators to help reduce the cost of gas heat pump air conditioning products.

During the reporting period, the Company's subsidiary, Wuhan New World Refrigeration continued to optimize its products and solutions. Professional support for energy security, with a significant increase in sales of underground cooling devices in mines. Optimize the development of oil-free screw compressors and actively expand the gas compression market. The water vapor screw compressor unit was selected as an innovative product at the 2023 China Refrigeration Exhibition and the 2022 China Refrigeration Society Energy Conservation and Ecological Environment Product and Technology Catalog.

During the reporting period, the subsidiary of the Company, Bingshan Guardian, focused on energy-saving control and innovative development of cold and hot systems. Develop a battery management system for all vanadium flow battery control systems, and collaborate deeply with key customers such as Rongke Power and Kaifeng Times Power. Building a 5G fully connected factory and rapidly advancing digital transformation. Selected as a pilot demonstration enterprise for the integrated application of "5G+Industrial Internet".

2. Sales income and costs

(1) Sales income structure

	2023		2022		Year-on-year increase/decrease
	Amount	Proportion to the Sales costs	Amount	Proportion to the Sales costs	
Total sales income	4,815,941,467.70	100%	2,893,085,310.29	100%	66.46%
By industry					
Refrigeration and air-conditioning equipment	4,708,789,817.06	97.78%	2,803,347,359.37	96.90%	67.97%
Others	107,151,650.64	2.22%	89,737,950.92	3.10%	19.41%
By product					
Industrial product	3,357,438,836.06	69.72%	1,920,458,161.82	66.38%	74.82%
Installation works	1,294,663,341.77	26.88%	857,764,430.03	29.65%	50.93%
Others	163,839,289.87	3.40%	114,862,718.44	3.97%	42.64%
By region					
Domestic sales	4,278,214,645.22	88.83%	2,713,167,600.04	93.78%	57.68%
Foreign sales	537,726,822.48	11.17%	179,917,710.25	6.22%	198.87%

(2) Main business structure

	Operating revenue	Operating costs	Gross profit	Increase/decrease of operating revenues on a year-on-year basis	Increase/decrease of operating costs on a year-on-year basis	Increase/decrease of gross profit on a year-on-year basis
By industry						
Refrigeration and air-conditioning	4,708,789,817.06	3,931,870,621.80	16.50%	67.97%	59.84%	Increase 4.25 percentage points
By product						
Industrial product	3,357,438,836.06	2,690,266,141.68	19.87%	74.82%	67.86%	Increase 3.32 percentage points
Installation works	1,294,663,341.77	1,195,610,122.48	7.65%	50.93%	43.40%	Increase 4.85 percentage points
Others	56,687,639.23	45,994,357.64	18.86%	125.62%	95.98%	Increase 12.27 percentage points
By region						
Domestic sales	4,171,062,994.58	3,535,346,049.38	15.24%	58.99%	53.36%	Increase 3.11 percentage points
Foreign sales	537,726,822.48	396,524,572.42	26.26%	198.87%	156.41%	Increase 12.21 percentage points
By sales model						
Total	4,708,789,817.06	3,931,870,621.80	16.50%	67.97%	59.84%	Increase 4.25 percentage points

(3) Was the Company's sales income on material objects more than that on labor service?

Yes No

Industry category	Item	2023	2022	Year-on-year increase/decrease
Main refrigeration unit for industrial or commercial use	Sales volume	836,513	125,863	564.62%
	Production output	873,086	125,675	594.72%
	Inventory level	108,409	75,587	43.42%

Reason for change in the related data by 30% or higher on a year-on-year basis

Applicable Not applicable

The Company completed the acquisition of Sonyo Compressors and Sonyo Refrigeration System in November 2022, and completed the acquisition of Sonyo Refrigeration in June 2023. During the reporting period, three subsidiaries of Panasonic were included in the statistical scope, and there were significant year-on-year changes in relevant data.

(4) Performance of major sales contracts and major procurement contracts signed by the company up to the reporting period

Applicable Not applicable

(5) Sales cost structure

Industry category	Item	2023		2022		Year-on-year increase/decrease
		Amount	Proportion to the operating costs	Amount	Proportion to the operating costs	
Refrigeration and air-conditioning	Direct materials	3,289,266,971.15	82.12%	2,205,570,125.13	86.92%	49.13%
	Labor wages	484,370,022.22	12.09%	208,996,790.95	8.24%	131.76%
	Depreciation	75,764,314.69	1.89%	33,450,400.07	1.32%	126.50%
	Utilities	31,810,562.98	0.79%	19,274,676.78	0.76%	65.04%
	Others	124,385,587.16	3.11%	70,236,848.47	2.77%	77.09%
	Total operating costs	4,005,597,458.19	100.00%	2,537,528,841.40	100.00%	57.85%

(6) Was the Company's consolidated range change during the reporting period?

Applicable Not applicable

The entity included in the consolidated financial statements this year has increased by one compared to the previous year. During the reporting period, the Company acquired 40% equity of Panasonic Refrigeration (Dalian) Co., Ltd. ("Panasonic Refrigeration") held by Panasonic Electric (China) Co., Ltd; Acquired 60% equity of Panasonic Refrigeration held by Sanyo Electric Co., Ltd. After the completion of the equity transfer, the Company holds 100% equity of Panasonic Refrigeration and is included in the scope of consolidation.

(7) Major change or adjustment in the Company's products or service in the reporting period

Applicable Not applicable

(8) Information on the Company's major customers and major suppliers

Information on the Company's major customers

Total sales volume from top five customers (yuan)	567,585,617.15
Proportion of the total sales volume from top five customers to the annual sales volume	11.79%
Proportion of the related party total sales volume from top five customers to the annual sales volume	3.72%

No.	Name of customer	Sales volume (yuan)	Proportion to the annual sales volume
1	Customer 1	179,269,129.59	3.72%
2	Customer 2	109,987,746.81	2.28%
3	Customer 3	101,383,384.54	2.11%
4	Customer 4	92,244,220.11	1.92%
5	Customer 5	84,701,136.10	1.76%
Total	—	567,585,617.15	11.79%

Information on the Company's top five customers

Among the top five customers mentioned above, Customer 1 is related to the Company.

Information on the Company's major suppliers

Total purchase volume from top five suppliers (yuan)	432,966,587.81
Proportion of the total purchase volume from top five suppliers to the annual purchases volume	11.09%
Proportion of the related party total purchase volume from top five suppliers to the annual purchases volume	1.89%

Information on the Company's top five suppliers

No.	Name of supplier	Purchase volume (yuan)	Proportion to the annual purchase volume
1	Supplier 1	175,787,633.82	4.50%
2	Supplier 2	73,737,385.70	1.84%
3	Supplier 3	72,015,342.76	1.22%
4	Supplier 4	63,809,032.17	1.89%
5	Supplier 5	47,617,193.35	1.63%
Total	—	432,966,587.81	11.09%

Among the top five suppliers mentioned above, Supplier 4 had an associated relationship with the Company.

3. Expenses

	2023	2022	Increase/decrease of gross profit on a year-on-year basis	Explain for major changes
Selling expenses	233,862,026.48	153,735,714.96	52.12%	Due to changes in the scope of consolidation, there have been significant year-on-year changes in relevant data.
Administrative expenses	245,326,181.11	186,378,204.50	31.63%	
Financial expenses	30,158,077.47	11,825,523.03	155.03%	
R&D expenses	164,185,717.71	76,792,805.69	113.80%	

4. R&D expenditure

Information on R&D expenditure

	2023	2022	Increase/decrease on a year-on-year basis
The quantity of the person engaged in R&D	560	504	11.11%
The quantity proportion of the person engaged in R&D	12.95%	14.18%	Decrease 1.23 percentage points
The spending amount on R&D (yuan)	164,185,717.71	76,792,805.69	113.80%
R&D spending accounts for the proportion of revenue	3.41%	2.65%	Increase 0.76 percentage points
The amount of R&D investment capitalization (yuan)	0.00	0.00	0.00%
Capitalize R&D investment for the proportion of R&D spending	0.00%	0.00%	0.00%

Reasons for the remarkable change in R&D spending accounts for the proportion of revenue compared with the previous year

Applicable Not applicable

The Company completed the acquisition of Sonyo Compressors and Sonyo Refrigeration System in November 2022, and completed the acquisition of Sonyo Refrigeration in June 2023. Due to changes in the scope of consolidation, there have been significant year-on-year changes in relevant data.

Reasons for the substantial changes in the capitalization rate of R&D investment and its rationality

Applicable Not applicable

5. Cash flows

Item	2023	2022	Year-on-year increase/decrease
Sub-total of cash inflows from operating activities	4,269,130,191.69	2,419,852,020.16	76.42%
Sub-total of cash outflows from operating activities	4,293,570,859.43	2,476,099,319.52	73.40%
Net amount of cash flow generated in operating activities	-24,440,667.74	-56,247,299.36	56.55%
Sub-total of cash inflows from investing activities	46,010,527.14	419,938,843.20	-89.04%

Sub-total of cash outflows from investing activities	269,378,896.52	452,538,330.23	-40.47%
Net amount of cash flow generated in investing activities	-223,368,369.38	-32,599,487.03	-585.19%
Sub-total of cash inflows from financing activities	451,319,569.70	871,841,047.27	-48.23%
Sub-total of cash outflows from financing activities	454,362,447.06	301,774,629.30	50.56%
Net amount of cash flow generated in financing activities	-3,042,877.36	570,066,417.97	-100.53%
Net increase in cash and cash equivalents	-251,221,467.19	482,692,465.30	-152.05%

Reason for change in the related data by 30% or higher on a year-on-year basis

Applicable Not applicable

1. The net cash flow generated from operating activities has significantly increased year-on-year, mainly due to an increase in sales orders and an improvement in payment collection.
2. The net cash flow from investment activities decreased significantly year on year, mainly due to the impact of more cash received from investment income in the same period last year and the transfer of Sonyo Compressor into the subsidiary's fixed assets investment in the current period.
3. The net cash flow generated from financing activities decreased significantly year-on-year, mainly due to the acquisition of large bank merger and acquisition loans in the same period last year.

Reason for remarkable difference between the cash flows from the Company's operating activities in the reporting period and the net annual profit.

Applicable Not applicable

V. Analysis of the non-main business

Applicable Not applicable

VI. Analysis of assets & liabilities

1. Remarkable change in assets

Monetary unit: RMB yuan

	2023.12.31		2022.12.31		Proportion increase/decrease	Explain for major changes
	Amount	Proportion to the total assets	Amount	Proportion to the total assets		
Monetary funds	951,039,570.11	11.65%	1,006,165,899.18	13.24%	Decrease 1.59 percentage points	
Accounts receivable	1,576,433,924.16	19.31%	1,409,978,442.95	18.55%	Increase 0.76 percentage points	
Contract assets	237,076,878.71	2.90%	225,790,875.78	2.97%	Decrease 0.07 percentage points	
Inventories	1,638,139,479.14	20.07%	1,395,344,780.24	18.36%	Increase 1.71 percentage points	
Investment property	123,589,681.50	1.51%	115,332,918.20	1.52%	Decrease 0.01 percentage points	
Long-term equity investment	521,274,947.50	6.39%	562,987,771.94	7.41%	Decrease 1.02 percentage points	
Fixed assets	1,291,851,402.46	15.83%	1,229,029,368.93	16.17%	Decrease 0.34 percentage points	
Construction in progress	114,801,351.21	1.41%	115,577,902.54	1.52%	Decrease 0.11 percentage points	
Use right assets	30,548,057.08	0.37%	30,941,662.26	0.41%	Decrease 0.04 percentage points	
Short-term loans	262,287,784.38	3.21%	274,052,990.15	3.61%	Decrease 0.40 percentage points	
Contract liabilities	787,685,294.53	9.65%	647,645,820.57	8.52%	Increase 1.13 percentage points	
Long-term loans	679,700,000.00	8.33%	715,100,000.00	9.41%	Decrease 1.08 percentage points	
Lease liabilities	24,134,986.97	0.30%	11,230,532.05	0.15%	Increase 0.15 percentage points	

2. Assets & liabilities which are measured by fair value

Applicable Not applicable

Other non-current financial asset measured in fair value is 149,950,861.31 yuan at the year beginning, and 164,024,771.63 yuan at the year end.

Restrictions on asset rights as of the end of the reporting period

By the end of reporting period, the Company's asset rights 351,238,387.77 yuan was limited, the reason for the limitation: the deposit and the bank account were frozen; bank pledge; mortgage.

VII. Analysis of investments

1. The overall situation

Applicable Not applicable

Investment in 2023(yuan)	Investment in 2022(yuan)	Amount of variation
521,274,947.50	562,987,771.94	-7.41%

2. The significant equity investment during the reporting period

Applicable Not applicable

3 The significant non-equity investment during the reporting period

Applicable Not applicable

4. The financial asset investment

(1) The securities investment

Applicable Not applicable

Stock code	Stock abbreviation	Initial investment cost	Accounting measurement model	Book value at the beginning	Changes in the profit and loss of the fair value in this period	Accumulative change of fair value credited to equity	Current sale amount	Report period profit and loss	Book value in the ending	Accounting subjects	Source of funds
601211	Guotai Jun'an	10,910,008.00	fair value measurement	148,267,008.72	14,073,910.32	0.00	0.00	19,856,214.56	162,340,919.04	Other Non-current financial assets	Own funds
total		10,910,008.00	--	148,267,008.72	14,073,910.32	0.00	0.00	19,856,214.56	162,340,919.04		--

Until 31 December, 2023, the Company held 10,910,008 numbers of shares of Guotai Jun'an Securities Co., Ltd..

(2) Derivative investment

Applicable Not applicable

During the reporting period, the Company does not exist derivative investment.

5. The use of funds raised

Applicable Not applicable

VIII. The material assets and equity sale

1. The material assets sale

Applicable Not applicable

2. The material equity sale

Applicable Not applicable

IX. Analysis of major subsidiary companies and mutual shareholding companies

Applicable Not applicable

Unit: ten thousand yuan (except for registered capital)

Company name	Type	The main business	registered capital	total assets	net assets	Operating income	Net profit
Fuji Bingshan	mutual shareholding company	Vending machine development, manufacturing, sales, installation, maintenance and related consulting and after-sales service	JPY 4,000 million	47,017	13,752	20,985	-8,568
Jingxue Insulation	mutual shareholding company	New building energy-saving board, refrigerated storage door	RMB 108 million	181,548	83,170	115,210	3,802
Bingshan Metal	mutual shareholding company	High-grade building hardware, plumbing equipment	USD 18,064.5 thousand	37,256	31,425	46,488	6,373
Sonyo Compressor	subsidiary	Manufacture and sales of gas compression machinery	RMB 442.3967million	176,400	116,224	133,019	11,743

Subsidiary companies obtained or disposed in the reporting period

Applicable Not applicable

The entity included in the consolidated financial statements this year has increased by one compared to the previous year. During the reporting period, the Company acquired 40% equity of Panasonic Refrigeration (Dalian) Co., Ltd. ("Panasonic Refrigeration") held by Panasonic Electric (China) Co., Ltd; Acquired 60% equity of Panasonic Refrigeration held by Sanyo Electric Co., Ltd. After the completion of the equity transfer, the Company holds 100% equity of Panasonic Refrigeration and is included in the scope of consolidation.

X. The structured corporate bodies which the Company controlled

Applicable Not applicable

XI. Development prospect of the Company

Major risks faced and countermeasures adopted by the Company

(1) Increasing market competition risk

Countermeasures: focus on the hot and cold industry, deeply cultivate the market segmentation; rapidly improve the engineering and manufacturing power; orderly improve the level of intelligent manufacturing and service-oriented manufacturing; speed up the transformation and upgrading of inherent undertakings; accelerate the implementation of new kinetic energy cultivation; continue to build Bingshan enterprise and interest community.

(2) Risk of slow marketing of new products and technologies

Countermeasures: create differentiated competitiveness of new products and technologies; strengthen the technology marketing and service marketing, and cultivate the market segmentation professionally; appropriate

use of financial leasing, contract energy management and other innovative models.

(3) Risk of high level of trade receivables

Countermeasures: strictly implement the project management system and further strengthen the management of accounts receivable; enhance quality of contract through intensified customer credit assessment and contract appraisal; effective control of increase in trade receivables by reduction of guarantee deposits, and taking bank credit instruments as guarantee deposits; improve contract execution through stricter review on goods delivery, intensified control on project construction and acceptance, and post-sale service; prepare special composition solutions and incentive policy to accelerate settlement of trade receivables with relatively long aging.

In 2024, the Company will focus on cold and hot business, further develop cold chain logistics, petrochemical industry, ship refrigeration, ice and snow venues, CCUS, energy storage and heat management and other market segments, solidly improve core competitiveness, effectively expand industry influence, continue to strengthen main business, and strive to achieve rapid growth.

In 2024, the main business strategies are as follows:

- (1) Sales force. Strengthen marketing planning and optimize incentive allocation. Consolidate traditional markets and strengthen the exploration of new fields. Increase the proportion of self products and increase the gross profit margin of the project.
- (2) Product force. Guided by customer needs, accelerate the development of innovative products. Continuously promote product standardization, serialization, and modularization. Integrate internal technical resources of the Company and strengthen collaborative design and development.
- (3) Technical force. Focusing on engineering technologies such as CO₂ transcritical technology, environmental simulation technology, cold and hot balance technology, and ultra-low charging system technology, we will continue to optimize and improve them.
- (4) Engineering force. Strengthen construction management to ensure project progress. Strengthen acceptance management and promote orderly acceptance. Continuously carry out safety and quality improvement and compliance inspections.
- (5) Service force. Fully closed tracking and closed-loop management to improve customer satisfaction. Continuously optimize business processes, improve service quality and efficiency.

The above-mentioned business plan does not represent the earnings forecast of the Company for the year of 2024. Whether it can be achieved depends on the changes of market conditions and the efforts of management teams and other factors. There are great uncertainties. Investors should pay special attention to it.

XII. Record of investigation, communication, and other activities in the reporting period

Applicable Not applicable

For details, please see

<http://irm.cninfo.com.cn/ircs/company/companyDetail?stockcode=000530&orgId=gssz0000530>

Section 4 Corporate governance

I. Basic situation of corporate governance

Within the reporting period, the Company centered around the operation subject as “Leading innovation, Creating value” with the theme “integrity, innovation and return of the king”, relying on the opportunity of overall relocation and transformation of the Company, to further deepen and perfect the normative internal control system and upgrade the governing level of the Company continuously.

There were no problems with the Company concerning horizontal competition caused by restructures and other reasons. The main normal associated transactions between the Company and the associated companies included purchasing the supporting products for package projects from the associated companies, and selling the supporting parts and components to the associated companies and providing them with the labor service. Associated transactions between the Company and the associated companies are necessary for normal production and operation and helpful for the Company’s healthy development, and therefore will continue. The Company will strictly follow the related decision-making procedures and fulfill the obligation in information disclosure in order to further regulate associated transactions.

Was there any deviation of the Company's corporate governance from the requirements in the Company Law and China Securities Regulatory Commission's regulations?

Yes No

There was no deviation of the Company's corporate governance from the requirements in the Company Law and China Securities Regulatory Commission's regulations.

II. Status of the Company's business, staff, asset, organization and finance separations from the holding shareholder

The Company was separated from the holding shareholder in business, staff, asset, organization and finance, and has the independent and complete business and operation capability.

III. Horizontal competitions

Applicable Not applicable

IV Shareholders’ general meeting convened in the reporting period

1. Annual Shareholders’ general meeting within this reporting period

Session number of meeting	The type of the meeting	The proportion of participate investors	date	Disclosing date	Disclosing index
2022 Annual Shareholders’ General Meeting	Annual Shareholders’ general meeting	29.44%	May 25, 2023	May 26, 2023	http://www.cninfo.com.cn

V. Information on the Company’s Directors, Supervisors, Senior Management and Staff

1. basic information

Name	Position	Office-holding state	Sex	Age	Starting date of office term	Ending date of office term	Shares held at beginning of period (shares)	Increase on holding of shares in this period (shares)	Decrease in holding of shares in this period (share)	Shares held at the end of period (shares)
Ji Zhijian	Chairman	Incumbent	M	56	Mar.27,	Jan.11,	1,528,830	0	0	1,528,830

					2014	2025				
Fan Wen	Director	Incumbent	M	59	Jan.12, 2022	Jan.11, 2025	7,770	0	0	7,770
Yin Xide	Vice Chairman	leave office	M	52	Jan.12, 2022	Apr.9, 2024	90,080	0	0	90,080
Song Wenbao	Director	Incumbent	M	50	Jan.12, 2022	Jan.11, 2025	593,880	0	0	593,880
Dono Shigeru	Director	leave office	M	62	Jan.12, 2022	Apr.9, 2024	0	0	0	0
Nishimoto Shigeyuki	Director	Incumbent	M	57	Jun.5, 2019	Jan.11, 2025	0	0	0	0
Zhai Yunling	Independent director	Incumbent	M	60	May.14, 2021	Jan.11, 2025	0	0	0	0
Liu Yuanyuan	Independent director	Incumbent	F	49	May.14, 2021	Jan.11, 2025	0	0	0	0
Yao Hong	Independent director	Incumbent	F	50	May.14, 2021	Jan.11, 2025	0	0	0	0
Hu Xitang	Chairman of the board of Supervisors	Incumbent	M	56	Jan.17, 2019	Jan.11, 2025	0	0	0	0
Dai Yuling	Supervisor	Incumbent	F	46	Jan.21, 2016	Jan.11, 2025	0	0	0	0
Li Sheng	Supervisor	Incumbent	M	44	May.15, 2020	Jan.11, 2025	0	0	0	0
Cai Liyong	General manager	Incumbent	M	50	Jan.1, 2024	Jan.11, 2025	0	0	0	0
Lu Jun	Deputy general manager	Incumbent	M	58	Jan.12, 2022	Jan.11, 2025	2,500	0	0	2,500
Yang Fuhua	Deputy general manager	Incumbent	M	52	Jan.12, 2022	Jan.11, 2025	0	0	0	0
Wang Jinxiu	Chief Financial Officer	Incumbent	F	53	May.14, 2021	Jan.11, 2025	5,000	0	0	5,000
Song Wenbao	Board secretary	Incumbent	M	50	Feb.5, 2013	Jan.11, 2025	-	-	-	-
Yin Xide	General manager	leave office	M	52	Jan.1, 2021	Jan.1, 2024	-	-	-	-
Total							2,228,060	0	0	2,228,060

During the reporting period, whether any directors or supervisors leave office or senior managers are dismissed

✓ Applicable Not applicable

The Company held the 18th meeting of the 9th Board of Directors on November 23, 2023, and approved the report on the dismissal and appointment of the Company's General Manager. Dismiss Mr. Yin Xide from his position as General Manager of the Company according to the development needs of the Company; Upon nomination by the Chairman of the Company, Mr. Cai Liyong has been appointed as the General Manager of the Company. His official dismissal and appointment date is January 1, 2024, and his term of office expires on the expiration of the

9th Board of Directors of the Company.

Changes of directors, supervisors, senior managers of the Company

Name	Position held	Type	Date	Reason
Yin Xide	General Manager	Dismissal	Jan 1,2024	Company development needs
Cai Liyong	General Manager	Appointment	Jan 1,2024	Company development needs
Yin Xide	Vice Chairman	Leave office	Apr 9,2024	Resignation due to job changes
Dono Shigeru	Director	Leave office	Apr 9,2024	Resignation due to job changes

Office holding

Professional background, main work experiences and the main duties and responsibilities of incumbent directors, supervisors, senior managers of the Company

Name	Position held	Professional background	Main work experience	main duties and responsibilities
Ji Zhijian	Chairman	doctorate degree in management of the Dalian University of Technology	Successively acting as GM, Chairman of Panasonic Cold-Chain.; Chairman and President of Dalian Bingshan Group Co., Ltd.; Chairman of the Company.	Related responsibilities of the Chairman
Fan Wen	Director	Graduate degree	served as vice Minister of Import and Export Department and Minister of Import and Export Department of the Company; Assistant general Manager and Vice President of DalianBingshan Group Co., LTD.; Director of Jiangsu JingXue Insulation Technology Co.,Ltd.	Related responsibilities of the Director
Song Wenbao	Director and Board Secretary	graduate from Zhejiang University, CFA	Successively acting as representative for securities affairs, board secretary of the Company.	Related responsibilities of Board Secretary
Nishimoto Shigeyuki	Director	graduated from Meiji university	served as the director of Financial Planning Room and Finance Department System Overall Room of Panasonic Corporation Headquarter; the director of Regional Financial Integration Room, CFO of Panasonic Corporation China & Northeast Asia Company; the supervisor of Dalian Bingshan Group Co., LTD.	Related responsibilities of the Director
Zhai Yunling	Independent director	Doctor of Law, professor, lawyer	Professor of Law School of Dalian Maritime University, lawyer of Beijing Jincheng Tongda (Dalian) Law Firm, legal adviser of Dalian Municipal People's Government, member/arbitrator of Dalian Arbitration Commission	Related responsibilities of the Independent director
Liu Yuanyuan	Independent director	Doctor of Accounting	Professor of Accounting School of Dongbei University of Finance and Economics, Director of Sino-German Management Control Research Center, independent director of China Railway Tielong Container Logistics Co., LTD.; independent director of Bank of Dalian Co., LTD.; independent director of Kincai (Liaoning) Life Science and Technology Co., LTD.	Related responsibilities of the Independent director
Yao Hong	Independent	graduate from China	Doctor of Management, School of Economics and Management,	Related

	director	University of Political Science and Law, professor of law	Dalian University of Technology, Independent director of Shanghai Binku Network Technology Co., LTD., Independent director of Hualu Zhida Technology Co., LTD., Independent director of Harbin Hattou Investment Co., LTD., Independent director of Fushun Special Steel Co., Ltd.	responsibilities of the Independent director
Hu Xitang	Chairman of Board of Supervisors	graduated from Nanjing University of Science and Technology	served as the chairman of the labor union of the Company.	Related responsibilities of the Supervisor
Dai Yuling	Supervisor	Senior Accountant	acting as the chief of the Financial Dept. of Dalian Bingshan Group Company Ltd.	Related responsibilities of the Supervisor
Li Sheng	Supervisor	graduated from Dalian University of Technology	acting as the Director of Operation Management Department of Dalian Bingshan Group Company Ltd; chief of the Financial Dept. of the Company.	Related responsibilities of the Supervisor
Cai Liyong	GM	Heilongjiang University of Commerce (now renamed Harbin University of Commerce) majoring in refrigeration and freezing	served as the General Manager of Dalian Bingshan Ryosetsu Quick Freezing Equipment Co., Ltd., the General Manager of Wuhan New World Refrigeration Industry Co., Ltd., and the General Manager of Bingshan Sonyo Refrigeration (Dalian) Co., Ltd. Starting from January 1, 2024, appointed as the General Manager of the Company.	Related responsibilities of GM
Lu Jun	DGM	graduated from Jilin University of Technology, Graduate degree, Senior Engineer.	served as designer and vice minister of the Company; general Manager of Dalian Bingshan Air-conditioning Equipment Co., Ltd; the Deputy General Manager of Dalian Bingshan Group Engineering Co., LTD. ; the assistant to the general Manager and head of the Operation and Management Department of the Company.	Related responsibilities of DGM
Yang Fuhua	DGM	graduated from Xi 'an Jiaotong University, Senior Engineer	served as engineer, deputy director and director of complete set design Department of the Company; served as deputy General Manager of Dalian Bingshan Group Engineering Co., LTD; served as chief engineer of the Company's business Headquarters and deputy Head of the Research and development Headquarters.	Related responsibilities of DGM
Wang Jinxiu	CFO	Senior accountant	served as cost accountant in finance Department of the Company and Minister of Finance Department of DalianBingshan Air Conditioning Equipment Co., LTD.; served as the Director of the Financial Management Department of the Company. served as Chief Financial Officer since May 2021.	Related responsibilities of CFO

Office holding in shareholder unit

√ Applicable □ Not applicable

Name of office holder	Shareholder unit name	Position held in shareholder unit	If receiving remuneration or allowance from shareholder unit
Ji Zhijian	Dalian Bingshan Group Co., Ltd.	Chairman of the Board, President	Yes
Fan Wen	Dalian Bingshan Group Co., Ltd.	Vice President	Yes

Office holding in other units

√ Applicable □ Not applicable

name	unit name	Position held in other unit	If receiving remuneration or allowance from other unit
Ji Zhijian	Dalian Zhong Huida Refrigeration Technology Co., Ltd.	Chairman	No
	Linde Engineering (Dalian) Co., Ltd.	Chairman	No
Fan Wen	Sonyo Compressor (Dalian) Co., Ltd.	Chairman	No
	Dalian Bingshan Air-Conditioning Equipment Co., Ltd	Chairman	No
	Dalian Niweisi LengNuan Technology Co., Ltd	Chairman	No
	Dalian Bingshan Ryosetsu Quick Freezing Equipment Co., Ltd	Chairman	No
	MHI Bingshan Refrigeration (Dalian) Co., Ltd.	Chairman	No
	Dalian Bingshan Engineering & Trading Co., Ltd.	Chairman	No
Cai Liyong	Wuhan New World Refrigeration Industrial Co., Ltd.	Chairman	No
	Sonyo Refrigeration (Dalian) Co., Ltd.	Chairman	No
	Sonyo Refrigeration System (Dalian) Co., Ltd.	Chairman	No
	Dalian Bingshan Group Construction Co., Ltd	Chairman	No
Liu Yuanyuan	China Railway Tielong Container Logistics Co., LTD.	Independent director	Yes
	Kincai (Liaoning) Life Science and Technology Co., LTD.	Independent director	Yes
Yao Hong	Harbin Hattou Investment Co., LTD.	Independent director	Yes
	Fushun Special Steel Co. LTD	Independent director	Yes

3. Remuneration paid to directors, supervisors, and senior management

Decision-making procedure, decision-making basis and actual payment of remuneration for directors, supervisors and senior management

Decision-making procedure: the Company's remuneration plan for directors and supervisors was proposed by the Company's Remuneration and Evaluation Committee of the Board of Directors, and after approval by the Board of Directors, submitted to the general meeting for adoption and put into effect. The Company's remuneration plan for senior management was put into effect after approval by the Company's Board of Directors.

Decision-making basis: it was decided on the basis of main responsibilities and importance of the concerned position and the remuneration level of similar positions in other similar enterprises and evaluated and rewarded through the Company's examination procedure for assets operation performance.

The total amount of remunerations actually (pre-tax) paid by the Company to directors, supervisors, and senior management was 5,033,700 yuan.

Particulars about the annual remuneration of directors, supervisors and senior staff members

Name	Annual remuneration and allowance(pre-tax)paid by the Company (ten thousand yuan)
Ji Zhijian	0
Yin Xide	107.88
Yokoo Sadaaki	0
Nishimoto Shigeyuki	0
Song Wenbao	64.73
Zhai Yunling	8
Liu Yuanyuan	8
Yao Hong	8

Hu Xitang	80.34
Dai Yuling	0
Li Sheng	35.61
Lu Jun	64.27
Yang Fuhua	63.53
Wang Jinxiu	63.01
Total	503.37

VI. Performance of directors' duties during the reporting period

1. The situation of the board of Directors during this reporting period

The meeting time	Date of meeting	Date of disclosure	The meeting resolution
13 th Meeting of 9 th Session of the Board	April 25,2023	April 26,2023	http://www.cninfo.com.cn
14 th Meeting of 9 th Session of the Board	May 4,2023	May 5,2023	http://www.cninfo.com.cn
15 th Meeting of 9 th Session of the Board	June 27,2023	June 28,2023	http://www.cninfo.com.cn
16 th Meeting of 9 th Session of the Board	August 25,2023	August 26,2023	http://www.cninfo.com.cn
17 th Meeting of 9 th Session of the Board	October 26,2023	October 27,2023	http://www.cninfo.com.cn
18 th Meeting of 9 th Session of the Board	November 23,2023	November 24,2023	http://www.cninfo.com.cn

2. Attendance of directors at the board of directors and general meetings of shareholders

During the reporting period, all directors were present in person at all board meetings where they were required to be present.

3. Objections raised by directors to matters related to the company

Applicable Not applicable

4. Other instructions for the performance of directors' duties

Applicable Not applicable

VII. Execution of duties of the special committees under the Board of Directors in the reporting period

The audit committee under the Board of Directors of the Company performs its duties in accordance with the detailed rules for the implementation of the audit committee under the Board of Directors and the working procedures for the annual report of the audit committee, supervises the Company's internal audit system and its implementation, reviews the Company's financial information and its disclosure, and evaluates the work of external audit institutions.

In the evaluation of the Company's internal control, the audit committee actively plays its responsibilities of organization, leadership and supervision. According to the identification standard of internal control defects of the Company, the annual internal control evaluation report of the Company was reviewed, and ShineWing Certified Public Accountants was entrusted to conduct internal control audit. It is considered that the current situation of the Company's internal control system meets the relevant requirements and has been well implemented. The annual internal control evaluation report of the Company truthfully reflects the above facts.

During the annual audit of the company, the audit committee actively communicated and effectively coordinated with the audit institution ShineWing certified public accountants. Before and after the audit, we have repeatedly urged the audit institutions to promote the audit work with quality and quantity on the audit work plan and work progress. After the completion of the audit, the annual financial report and annual report of the company were carefully reviewed, and it was considered that the financial report of the company was comprehensive and true, and the financial report and other information disclosed by the company were objective and true, which truly

reflected the annual financial situation of the company.

The Audit Committee believes that ShineWing Certified Public Accountants can abide by the independent, objective and fair practice standards in providing annual audit services for the Company, audit the Company in strict accordance with the new accounting standards, actively communicate with the audit committee and independent directors, be diligent and responsible, and better complete the annual audit of the Company.

The remuneration and assessment committee under the Board of Directors of the Company performed its duties in accordance with the implementation rules of the remuneration and assessment committee of the Board of Directors of the Company, and reviewed the annual remuneration of the directors, supervisors and senior managers of the Company.

VIII. Work of the Board of Supervisors

Was there any risk with the Company found by the Board of Supervisors in their supervision activities in the reporting period?

Applicable Not applicable

The Board of Supervisors had no objections to the matters under supervision in the reporting period.

IX Status of the Company's staff

1. As of Dec. 31, 2023 the Company and its subsidiary had 4,323 enrolled employees, including 2,451 persons engaged in production; 567 persons engaged in marketing; 560 persons engaged in engineering and technology; 78 persons engaged in financing; and 667 persons engaged in management.

2. As of Dec. 31, 2023, among enrolled employees of the Company and its subsidiary, 145 persons have the educational background of Master or higher; 1,336 persons have the educational background of university; 1,332 persons have the educational background of junior college; and 1,510 persons have the educational background of secondary technical school or lower.

3. The Company applied the employee job performance wage system with distribution according to positions and performance of an employee.

4. The Company formulated the annual training plan and gave purposeful training to an employee in consideration of his/her post requirement.

5. Labor outsourcing

Applicable Not applicable

X. Profit distribution and dividend payment

By giving consideration to both the return to shareholders and the Company's long-term development, and in combination of the Company's profit made in this year, the Company formulated the 2021 annual dividend distribution plan of paying the cash of 0.1 yuan for every 10 shares. Reviewed and adopted at the Company's general meeting, the Company's Board of Directors has implemented the plan in July 2023.

Formulation and implementation of the Company's cash dividend distribution policy in the reporting period complied with the Company's Articles of Association and the general meeting's resolution, and the dividend distribution standard and proportion were defined and clear and the applicable decision-making procedure and system were complete. The independent directors agreed on it and the legal rights and interests of minority shareholders were well protected.

Special notes to cash dividend payout policy	
If the regulations of the Articles of Association or the requirements of the shareholders of the company meeting are met:	Yes
If the dividend payout standard and proportion is definite and clear-cut:	Yes
If relevant decision-making procedure and mechanism is complete:	Yes
If the independent directors have performed their duties and played their due role:	Yes
If small and medium shareholders have the opportunity to sufficiently express their opinions and appeals and if their legal rights and interests are sufficiently protected:	Yes
If the condition and procedure for adjusting or changing the cash dividend payout policy is compliant and transparent:	Yes

The Company made profit in the reporting period and the undistributed profit of the parent company was positive

but no cash dividend distribution plan was proposed.

Applicable Not applicable

Profit distribution preplan, and preplan of share-granting with capital accumulation fund of the Company

Bonus shares to be presented for every 10 shares (shares)	0
Dividend to be distributed for every 10 shares (RMB yuan) (including tax)	0.3
Equity base for distribution preplan (shares)	843,212,507
Total amount of cash dividend distribution (RMB yuan) (including tax)	25,296,375.21
Profit distributable to the shareholders in the current year	1,022,296,513.94
Proportion of cash dividend distribution accounting for total profit distribution	100%

Cash dividend distribution policy:

When the development stage of the company belongs to a growth period with important fund disbursement arrangement(s), the proportion of cash dividend distribution accounting for this profit distribution should reach 20% at minimum when conducting profit distribution.

Notes to details about preplan for profit distribution or capital stock increase with capital reserve

According to the audit by ShineWing CPAs (Special General Partnership), the net profit made by the parent company of the Company in 2023 was RMB 104.265 million and 10% of the net profit(RMB 10.426 million) was drawn as the legal surplus reserve. Therefore, the profit distributable to the shareholders in the current year was RMB 93.839 million.

Plus the initial undistributed profit of RMB 936.889 million and minus the dividend of RMB 8.432 million of common shares paid in 2022,the accumulated profit distributable to the shareholders was RMB1, 022.296 million.

The Company's profit distribution preplan for 2023:

Based on the net profit made by the parent Company of the Company in 2023 (104.265 million), 20% of the net profit (RMB 20.853 million) will be drawn as the free surplus reserve; Based on the total capital stock of 843,212,507 shares, the dividend of RMB 0.3 in cash (including tax) will be distributed for every 10 shares, the total cash dividend is RMB 25.296 million, and the cash dividend for B share is converted and paid in Hong Kong dollars.

The above preplan shall be submitted to the 2023 shareholders' general meeting for review and approval.

XI. The implementation and effect of equity incentive

Applicable Not applicable

XII. Internal control system construction and implementation during the reporting period

1. Internal control construction and implementation

During the reporting period, the Company made positive innovation, took the initiative to change, and vigorously promoted organizational strengthening. Implement market-centered integrated operation through organizational restructuring, business process reengineering and management system revision. Through the project management system, fully implement the project budget, control the whole process of operation, ensure profits and prevent risks.

2. Details of material weakness in the internal control found in the reporting period described in the report on self-evaluation of internal control.

Applicable Not applicable

There was no material weakness in the internal control found in the reporting period.

XIII. Management and control of subsidiaries during the reporting period

During the reporting period, the Company focused on strengthening the management control of subsidiaries from the following aspects:

- (1) The Company carefully identified, strictly managed and dynamically adjusted the directors, supervisors and senior managers assigned to subsidiaries;
- (2) The Company participated in the whole process of the preparation of the annual business plan of its subsidiaries, made reasonable suggestions and gave appropriate guidance;
- (3) The Company conducted monthly/quarterly tracking and annual assessment on the implementation of business

plans and compliance operations of subsidiaries.

During the reporting period, in order to further strengthen the main business of cooling and heating, the Company acquired 100% equity of Panasonic Refrigeration after a major asset restructuring in 2022. The integration plan for the aforementioned restructuring in terms of business, assets, finance, personnel, institutions, etc. is detailed in the Company's "Draft Report on Major Asset Purchase and Related Party Transactions (Revised Draft)". The relevant integration plan is being implemented in an orderly manner.

XIV. Report on self-evaluation of internal control or internal control audit report

1. Report on self-evaluation of internal control

Details of material weakness in the internal control found in the reporting period described in the report on self-evaluation of internal control	
There was no material weakness in the internal control found in the reporting period.	
Date of disclosing the full text of the report on self-evaluation of internal control	Apr.26, 2024
Disclosure reference to the full text of the report on self-evaluation of internal control	For the 2023 annual report on self-evaluation of internal control of the Company, visit the website www.cninfo.com.cn .

2. Internal control audit report

Description of the deliberation opinions in the internal control audit report	
We think that as of Dec. 31, 2023, Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd. had maintained an effective internal control over the financial reports in all material aspects according to Basic Enterprise Internal Control Specification and relevant regulations.	
Date of disclosing the full text of the internal control audit report	Apr. 26, 2024
Disclosure reference to the full text of the internal control audit report	For the 2023 annual internal control audit report of the Company, visit the website www.cninfo.com.cn .

Did the accounting firm issue the internal control audit report with nonstandard opinions?

Applicable Not applicable

Was the internal control audit report issued by the accounting firm consistent with the opinion in the self-evaluation report of the Board of Directors?

Yes No

XV. Rectification of problems in self inspection of special actions for governance of listed companies

None

Section 5 Environmental and social responsibility

I. Major environmental issues

The listed company and its subsidiaries whether belong to heavy pollution industry formulated by the state environmental protection department

Yes No

Bingshan Sonyo Compressor (Dalian) Co., Ltd., and Wuhan New World Refrigeration Industry Co., Ltd, subsidiaries of the Company, are key pollutant discharge units announced by the environmental protection department.

Administrative penalties imposed for environmental problems during the reporting period

Yes No

II. Social responsibilities

The specific content of the Company's performance of social responsibility can be found in the Social Responsibility Report disclosed on Juchao information website on April 26, 2024.

III. We consolidated and expanded our achievements in poverty alleviation and rural revitalization

In 2023, the Company continued to consolidate and expand the achievements of poverty alleviation and rural revitalization, and invested 60,000 yuan in the construction of a rural street lighting project to connect and communicate with Songlin Village, Guangming Mountain Town, Zhuanghe City. The Company also carried out daily maintenance of the air conditioning equipment in the village cultural activity center. In addition, the Dalian Jinpu New Area Bingshan Hope Middle School and Bingshan Hope Book Corner, jointly funded by the Company and investing enterprises with 250,000 yuan, were unveiled on December 28, 2023.

Section 6 Important items

I Implementation of commitments

1. Commitments of the Company or its shareholders holding 5% or higher of the shares in the reporting period or carried to the reporting period

Applicable Not applicable

According to the relevant provisions of the "Self regulatory Guidelines for Listed Companies on the Shenzhen Stock Exchange No. 8- Major Asset Restructuring", the important commitments and performance made by relevant parties during the 2022 major asset restructuring process of the Company are detailed in the Company's announcement on the performance of commitments made by relevant parties during the major asset restructuring disclosed on CNINFO on April 26, 2024.

2. The company's assets or projects have earnings forecasts, and the reporting period is still in the period of earnings forecasts. The company explains the reasons why the assets or projects have reached the original earnings forecasts.

Applicable Not applicable

II. Non-operation capital occupation by holding shareholders and their related parties in the listed company

Applicable Not applicable

The Company had no capital occupation by the holding shareholders and their related parties in the listed company within this reporting period.

III. Foreign guarantee in violation of regulations

Applicable Not applicable

IV. Explain to the "non standard audit report" last year from the board of directors of the Company

Applicable Not applicable

V. Explain to the "non standard audit report" from the board of directors, board of supervisors of the Company

Applicable Not applicable

VI. Change in accounting policies, accounting estimates and accounting methods or correction of major accounting mistakes in the reporting period, which should be retroactively restated compared with the financial statements of the previous year

Applicable Not applicable

On November 30, 2022, the Ministry of Finance issued Interpretation No. 16 of the Accounting Standards for Enterprises, which stipulates that "deferred income tax related to assets and liabilities arising from individual transactions shall not be subject to the accounting treatment of initial recognition exemption" and shall come into effect from January 1, 2023.

Due to the release of the above accounting standards interpretation, the Company needs to make corresponding changes to accounting policies and implement the above accounting standards from the effective date specified in the above documents.

The Company implemented the relevant provisions of Accounting Standard Interpretation No. 16 from January 1, 2023, and made retrospective adjustments to the relevant items of the consolidated financial statements for the year 2022.

VII. Change in the range of consolidated statements compared with the financial statements of the previous year

Applicable Not applicable

The entity included in the consolidated financial statements this year has increased by one compared to the previous year. During the reporting period, the Company acquired 40% equity of Panasonic Refrigeration (Dalian) Co., Ltd. ("Panasonic Refrigeration") held by Panasonic Electric (China) Co., Ltd; Acquired 60% equity of Panasonic Refrigeration held by Sanyo Electric Co., Ltd. After the completion of the equity transfer, the Company holds 100% equity of Panasonic Refrigeration and is included in the scope of consolidation.

VIII. Engagement and dismissal of the accounting firm

Currently engaged accounting firm

Name of domestic accounting firm	ShineWing CPAs (Special General Partnership)
Remuneration paid to the domestic accounting firm (in 10 thousand yuan)	107
Continuous audit service years of the domestic accounting firm	8
Name of certified public accountants with the domestic accounting firm	Sui Guojun, Zhang Shizhuo
Continuous audit service years of the certified public accountants	Sui Guojun 1 year, Zhang Shizhuo 3 years

If the CPA firm retaining was changed in this period

Applicable Not applicable

Employment of internal control audit accounting firm, financial advisor or sponsor

Applicable Not applicable

During the reporting period, the Company hired ShineWing CPAs (Special General Partnership) as the Company's 2023 audit institution to conduct an integrated audit of the Company's financial reports and internal control.

IX. Facing suspend and terminate listing after the annual report disclosure

Applicable Not applicable

X. Bankruptcy restructuring related matters

Applicable Not applicable

XI. Major lawsuit and arbitration issues

Applicable Not applicable

XII. Punishment and rectification

Applicable Not applicable

XIII. The credibility of companies and its controlling shareholder, actual controller

Applicable Not applicable

The controlling shareholder of the Company and the Company don't exist situation such as unfulfilled the court's effective judgments or failed to pay duly a large amount of debt during the reporting period.

XIV. Important associated transactions

1. Related party transactions related to daily operations

During the reporting period, the total amount of normal associated transactions between the Company and associated parties was 784.78 million yuan, accounting for 94.71% of the budgeted amount for the year 2023. This included 207.66 million yuan, accounting for 80.64% of the budgeted amount for the year 2023, for purchasing supporting products for package projects from associated parties, and 577.12 million yuan, accounting for 101.05% of the budgeted amount for the year 2023, from selling supporting parts and components to associated parties.

Associated transactions related to purchases or sales of assets

Applicable Not applicable

Important associated transactions with joint external investments

Applicable Not applicable

4. Associated transactions related to rights and debts

Applicable Not applicable

5. Associated transactions with related financial companies

Applicable Not applicable

6. The transactions between the financial company controlled by the company and its related parties

Applicable Not applicable

7. Other associated transactions

Applicable Not applicable

In order to strengthen business collaboration and provide more optimized solutions for energy conservation and environmental protection for customers, the Company signed a conditional and effective equity transfer agreement with Panasonic China and Sanyo Electric on May 4, 2023, acquiring 40% equity of Panasonic Refrigeration held by Panasonic China and 60% equity of Panasonic Refrigeration held by Sanyo Electric. The equity transfer was completed in June 2023, and the Company holds 100% equity in Panasonic Refrigeration.

XVII. Major contract and its performance

1. Hosting, contracting and leasing status

(1) the hosting status

Applicable Not applicable

(2) the contracting status

Applicable Not applicable

(3) the leasing status

Applicable Not applicable

The 13th meeting of the 7th board of directors of the Company was held on April 22, 2017, and approved to rent out the old plant and land located in No 888, South West RD, Shahekou District, Dalian to Bingshan Wisdom. The lease contract is from April 1, 2017 to December 31, 2036. The Company has signed the “estate leasing contract” with Dalian Bingshan Wisdom based on the requirement of utilization of old land and plant and new business foster plan. Current year’s lease premium is RMB 9.01 million.

On July 31, 2014, the Company and Lingzhong Bingshan Refrigeration (Dalian) Co., Ltd. signed a supplementary agreement to modify the house lease contract, and rent out the Building No. 6 of Workshop No. 106, Liaohe East Road, Dalian Development Zone, to Lingzhong Bingshan Refrigeration (Dalian) Co., Ltd.. The rental area is 15,259.04 square meters, and lease period will end on July 16, 2029, the annual rent is RMB 3.81 million.

2. Guaranteeing status

Applicable Not applicable

China Development Fund provides support for the Company's cold chain green intelligent equipment and service industrialization base project, and provides special funds to the controlling shareholder of the Company, Bingshan Group. The above-mentioned special fund amount is 160 million yuan, with a term of 10 years and a rate of 1.2%. After the above special funds are in place, Bingshan Group has fully allocated them to the Company in a one-time manner without increasing the rate. The implementation of the above-mentioned special funds requires the Company to provide guarantees and continue until the reporting period. This guarantee is in the form of a guarantee for the controlling shareholder, but in fact, it is a guarantee for the Company to obtain financial support for itself.

The Company provides guarantees for clients Guizhou Waterfall Cold Chain Food Investment Co., Ltd., Liuyang Zhongjie Technology Investment Co., Ltd., Shandong Jiechuang Energy Technology Co., Ltd., and Shaanxi Yiming Food Co., Ltd. based on financing leasing business, which will continue until the reporting period. In the normal performance of the above-mentioned project, the guaranteed shareholder and relevant natural persons provided the company with full joint and several liability guarantee and counter guarantee, and the overall guarantee risk of the Company is controllable.

The Company provides guarantees to its client Jilin Fuyu Agricultural Technology Co., Ltd. based on financing leasing business. The guarantor has good qualifications, and the guarantor's shareholders and related natural or legal persons have provided the company with full joint liability guarantee and counter guarantee. The overall risk of the Company's guarantee is controllable, and it has not harmed the legitimate rights and interests of the company and small and medium-sized shareholders.

The above guarantee matters have been reviewed by the board of directors and are being fulfilled normally.

3. Entrust others to cash assets management

(1) Trust management

Applicable Not applicable

(2) Entrusted loans

Applicable Not applicable

(3) Other important contracts

Applicable Not applicable

XIX. Other important matters

Applicable Not applicable

XX. Other important matters of subsidiary company

Applicable Not applicable

Section 7 Change in Share Capital and Shareholders' Information

I. Change in share capital

1. Change in share capital

items	Shares (before change)		Shares (after change)	
	number	proportion	number	proportion
I. Non-circulating share capital with restricted trade conditions	1,670,894	0.20%	1,670,894	0.20%
II. Circulating share capital	841,541,613	99.80%	841,541,613	99.80%
1. Domestically listed ordinary shares	600,041,613	71.16%	600,041,613	71.16%
2. Domestically listed foreign shares	241,500,000	29.64%	241,500,000	29.64%
III. Total shares	843,212,507	100.00%	843,212,507	100.00%

Approval of changes in shares

Applicable Not applicable

The restricted shares changes

Applicable Not applicable

II. Securities issuance and listing

1. Securities issuance in the report period

Applicable Not applicable

2. Change in total shares of the Company and structure of shareholders

Applicable Not applicable

3. Internal staff shares

Applicable Not applicable

III. Shareholders and actual controller

1. Number of shareholders and their shareholding

Total number of shareholders in the reporting period	48,029	Total number of shareholders as of the last month before disclosure of the annual report	53,903		
Shareholding of top ten shareholders					
Name	Nature	Proportion	Total number	Number of shares with sale restriction	Number of pledged shares or shares frozen
Dalian Bingshan Group Co., Ltd.	Domestic non-state-owned legal person	20.27%	170,916,934	0	0
Sanyo Electric Co., Ltd.	Overseas legal person	8.72%	73,503,150	0	0
Everyone's Assets - Shengshi Selected No.2 Collective Asset Management Product (Phase 2)	Others	1.29%	10,847,212		
Chen Xianlai	Domestic natural person	0.87%	7,326,500		
Lin Zhenming	Foreign natural person	0.80%	6,730,000		
Cao Yifan	Domestic natural person	0.54%	4,529,700		
J. P. Morgan Securities PLC—own funds	Overseas legal person	0.52%	4,361,703		
Zhang Sufen	Domestic natural person	0.48%	4,020,000		

Dongfanghong JD Big Data Flexible Allocation Hybrid Securities Investment Fund	Others	0.47%	4,000,017		
Xue Hong	Domestic natural person	0.43%	3,640,000		
Shareholding of top ten shareholders without sale restriction					
Name		Number of shares without sale restriction		Type of shares	
Dalian Bingshan Group Co., Ltd.		170,916,934		RMB denominated ordinary shares	
Sanyo Electric Co., Ltd.		73,503,150		Domestically listed foreign shares	
Everyone's Assets - Shengshi Selected No.2 Collective Asset Management Product (Phase 2)		10,847,212		RMB denominated ordinary shares	
Chen Xianlai		7,326,500		RMB denominated ordinary shares	
Lin Zhenming		6,730,000		Domestically listed foreign shares	
Cao Yifan		4,529,700		Domestically listed foreign shares	
J. P. Morgan Securities PLC—own funds		4,361,703		RMB denominated ordinary shares	
Zhang Sufen		4,020,000		RMB denominated ordinary shares	
Dongfanghong JD Big Data Flexible Allocation Hybrid Securities Investment Fund		4,000,017		RMB denominated ordinary shares	
Xue Hong		3,640,000		Domestically listed foreign shares	
Notes to the associated relationship and uniform actions of the above shareholders		Dalian Bingshan Group Co., Ltd. had the association relationship with Sanyo Electric Co., Ltd. among the above shareholders. Sanyo Electric Co., Ltd. holds 26.6% of Dalian Bingshan Group Co., Ltd.'s equity.			
Explanation on the participation of the top 10 ordinary shareholders in margin trading and securities lending business		None			

2. Controlling shareholder of the Company

Name of holding shareholder	Legal representative	Founding date	Unified social credit code	Main business
Dalian Bingshan Group Co., Ltd.	Ji Zhijian	Jul. 3, 1985	912102002412917931	Research, development, manufacture, sales, service and installation of industrial refrigeration products, freezing and cold storage products, large-, medium- and small-size air-conditioning products, petrochemical equipment products, electronic and electric control products, home appliance products and environment protection products.
Shares held by the holding shareholder in other overseas and domestic listed companies as the holding shareholder or ordinary shareholder in the reporting period	None			

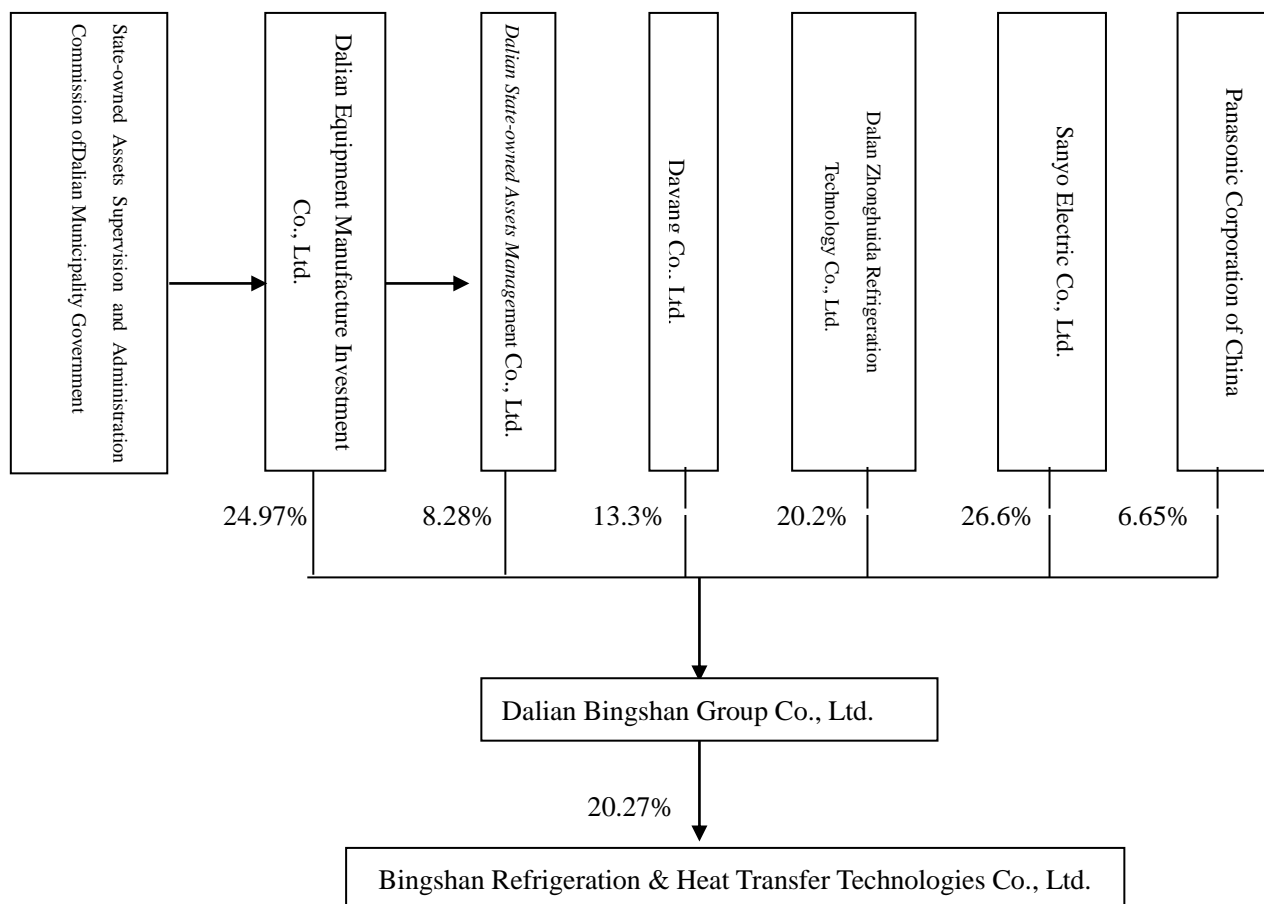
Change in the holding shareholder in the reporting period

Applicable Not applicable

3. Actual controller of the Company

The company has no actual controller.

According to the actual situation of the Company and its controlling shareholder, and compared with the related laws and regulations including Company Law of People's Republic of China, Management Regulation on Listing Company Acquisition and Stock Listing Rules of Shenzhen Stock Exchange, with the confirmation of Liaoning Huaxia law firm, the Company released the Public Notice on Not Having Actual Controller.(No: 2015-025,) which was published on B04 of China Securities, A19 of HK Commercial Daily and Cninfo website on April 24 2015.



The actual controller controlled the Company through a trust or other asset management

Applicable Not applicable

4. Other legal-person shareholders holding of 10% or more shares

Applicable Not applicable

5. controlling shareholders, actual controllers, restructuring the constraint to the stake and other commitments underweight

Applicable Not applicable

Section 8 Information on Preferred Stock

Applicable Not applicable

In the reporting period, the Company didn't own preferred stock.

Section 9 Information on Corporate bonds

Applicable Not applicable

In the reporting period, the Company didn't own corporate bonds.

Section 10 Financial Report

1. Opinion

We have audited the accompanying financial statements of Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd (“Bingshan Refrigeration & Heat Company”), which comprise the consolidated and company balance sheets as at 31 December 2023, and the consolidated and company income statements, the consolidated and company cash flow statements, the consolidated and company statements of changes in equity for the year then ended, and notes to these financial statements.

In our opinion, the accompanying financial statements have been prepared in accordance with the requirements of Accounting Standards for Business Enterprises, in all material respects and present fairly the consolidated and the financial position of Bingshan Refrigeration & Heat Company as at 31 December 2023, and of their consolidated and the company’s financial performance and cash flows for the year then ended.

2. Basis for Opinion

We conducted our audit in accordance with China Standards on Auditing for Chinese Certified Public Accountants. Our responsibilities under those standards are further described in the “Auditor’s Responsibilities for the Audit of the Financial Statements” section of our report. We are independent of Bingshan Refrigeration & Heat Company in accordance with the Code of Ethics for Chinese Certified Public Accountants, and we have fulfilled our other ethical responsibilities of the code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit.

3. Key Audit Matters

Key audit matters are those matters that we consider, in our professional judgment, were of most significance in our audit of the financial statements of the current period. These matters were addressed in the context of our audit of the financial statements as a whole and, in forming our audit opinion thereon, and we do not express a separate opinion on these matters.

Revenue Recognition	
Key Audit Matter	How the matter was addressed in the audit
As stated in the Note ‘ No.44,VI. Notes to Consolidated Financial Statements’, revenue on the consolidated statements for the year ended as of December 31, 2023, is 4,815.9415 million Yuan. Revenue of Bingshan Refrigeration & Heat	The main audit procedures carried out for addressing the key audit matters are as follows: 1. Understand and evaluate effectiveness of design and operation of the management’s internal control over revenue 2. Carried out analytical review and evaluate the reasonableness of sales income and gross profit margin by segmenting the business and sales in conjunction with industry development and actual situation

<p>Company and its subsidiaries mainly come from sales of products and installation project. We consider the revenue as the key audit matter, because of the significance of revenue to the overall financial statements, and also the inherent risk of revenue manipulation by the management so for the special purpose.</p>	<p>of Bingshan Refrigeration & Heat Company.</p> <ol style="list-style-type: none"> 3. Sampling test the sales contracts, identify the clause and condition in respect to the contract performance obligation, consideration and risk and reward transfer of the ownership. Evaluate the revenue recognition of Bingshan Refrigeration & Heat Company whether it is in line with the accounting standards. 4. Sampling select product sales revenue record, reconcile to sales invoice, contracts, dispatch note, acceptance note; Sampling select installation sales revenue record, reconcile to invoice, installation contracts and completion report and Evaluate the recognition of revenue whether is in line with the accounting standards 5. Checking actual installation cost by reviewing the contract budget, contract, invoice and supportive document with signature for the equipment received to evaluate the cost whether it really incurred. 6. Combined with receivable audit, perform confirmation procedures for key clients 7. Perform cut-off test so to ensure whether the transaction is recorded into the appropriate accounting period.
--	--

4. Other Information

The management of Bingshan Refrigeration & Heat Company (hereinafter referred to as the “Management”) is responsible for the other information. The other information comprises the information included in the Bingshan Refrigeration & Heat Company *2023 annual report*, but does not include the financial statements and our auditor’s report thereon.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated.

If, based on the work we have performed, we conclude that there is a material misstatement of the other information, we are required to report that fact. We have nothing to report in this regard.

5. Responsibilities of the Management and Those Charged with Governance for the Financial Statements

The Management is responsible for the preparation of the financial statements in accordance with Accounting Standards for Business Enterprises to achieve fair presentation; and designing, implementing and maintaining internal control which is necessary to enable that the financial statements are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the Management is responsible for assessing Bingshan Refrigeration & Heat Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Management either intends to liquidate Bingshan Refrigeration & Heat Company or to cease operations, or have no realistic alternative but to do so.

Those charged with governance are responsible to overseeing Bingshan Refrigeration & Heat Company's financial reporting process.

6. Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are generally considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

During the course of audit in accordance with auditing standards, we exercise professional judgment and maintain professional skepticism. We also carry out the following works:

- (1) Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our audit. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- (2) Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of its internal control (this sentence would be deleted in circumstance when we are also responsible to issue an opinion on the effectiveness of internal control in conjunction with the audit of the financial statements).
- (3) Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Management.
- (4) Conclude on the appropriateness of the Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on Bingshan Refrigeration & Heat Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements in accordance with the auditing standards or, if such disclosures are inadequate, we shall modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However,

future events or conditions may cause Bingshan Refrigeration & Heat Company to cease to continue as a going concern.

(5) Evaluate the overall presentation, structure and content of the financial statements, and also whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

(6) Obtain sufficient and appropriate audit evidence with respect to the financial information of Bingshan Refrigeration & Heat entities or business activities, and issue an audit opinion. We are responsible for guiding, supervising and performing group audits and take full responsibility for audit opinions.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings etc., including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with those relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence and related safeguards, where applicable.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation prohibited public disclosure about the matter or when, in rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

ShineWing Certified Public Accountants(LLP) CPA: Sui Guojun (Engagement Partner)

CPA: Zhang Shizhuo

China, Beijing

April 24, 2024

Consolidated Balance Sheet

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd Amount Unit:RMB

ITEMS	31 December 2023	01 January 2023
Current Assets:		
Monetary funds	951,039,570.11	1,006,165,899.18
Settlement provision		
Loans to banks and other financial institutions		
Financial asset held for trading		
Derivative financial assets		
Notes receivable	353,428,922.42	505,945,261.18
Accounts receivable	1,576,433,924.16	1,409,978,442.95
Receivable financing	303,585,218.53	58,792,792.70
Prepayments	153,388,660.48	171,991,468.12
Insurance receivables		
Reinsurance Receivable		
ProVsion of reinsurance contract reserve receivable		
Other receivables	41,396,223.27	51,394,474.24
including: interest receivable		
diVdend receivable	14,495.00	14,495.00
Financial assets purchased under agreement to resell		
Inventories	1,638,139,479.14	1,395,344,780.24
Contractual asset	237,076,878.71	225,790,875.78
Held for sale assets		
Non-current assets due within 1-year		15,715,631.52
Other current assets	26,074,342.33	33,499,577.60
Total Current Assets	5,280,563,219.15	4,874,619,203.51
Non-Current Assets:		
Loan and payment on other's behalf disbursed		
Debt investment		
Other debt investment		
Long-term receivables		5,162,458.90
Long-term equity investment	521,274,947.50	562,987,771.94
Other equity instrument investment		
Other non-current financial assets	164,024,771.63	149,950,861.31
Investments properties	123,589,681.50	115,332,918.20

Fixed assets	1,291,851,402.46	1,229,029,368.93
Construction in process	114,801,351.21	115,577,902.54
Production biological assets		
Oil-gas assets		
Right-of-use assets	30,548,057.08	30,941,662.26
Intangible assets	210,554,161.22	168,076,720.07
Development cost		
Goodwill	286,402,171.93	248,345,508.41
Long-term prepaid expense	5,346,321.60	6,486,566.92
Deferred tax asset	113,648,859.53	95,424,386.61
Other non-current assets	20,243,349.44	
Total Non-current Assets	2,882,285,075.10	2,727,316,126.09
Total Assets	8,162,848,294.25	7,601,935,329.60

legal representative: Ji Zhijian head of the accounting work: Wang Jinxiu the person in charge of the accounting office: Li Sheng

Consolidated Balance Sheet (continued)

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd Amount Unit:RMB

ITEMS	31 December 2023	01 January 2023
Current Liabilities:		
Short-term borrowings	262,287,784.38	274,052,990.15
Loans from central bank		
Loans from other banks		
Financial liability held for trading		
Derivative financial liabilities		
Notes payable	670,720,999.48	618,944,384.85
Accounts payable	1,655,835,363.01	1,586,098,060.59
Advance received		
Contractual liability	787,685,294.53	647,645,820.57
Financial assets sold under agreements to repurchase		
Deposits received and hold for others		
Entrusted trading of securities		
Entrusted underwriting of securities		
Employee pay payables	149,497,113.46	118,216,683.23
Taxes and duties payable	22,216,492.26	33,691,523.62
Other payables	278,804,152.17	67,054,250.25
including: interest payable		
dividend payable	533,156.00	533,156.00
Fees and commissions payable		
Amount due to reinsurance		
Held for sale liabilities		
Non-current liabilities due within 1-year	150,645,347.64	63,105,954.56
Other current liabilities	203,315,864.43	204,650,003.24
Total Current Liabilities	4,181,008,411.36	3,613,459,671.06
Non-current Liabilities:		
Insurance contract provision		
Long-term borrowings	679,700,000.00	715,100,000.00
Bonds Payable		
including: preference share		
perpetual debt		
Lease liability	24,134,986.97	11,230,532.05
Long-term payables	10,331,937.30	31,009,644.16
Long-term employee payables		
Provision	4,544,802.88	18,805,967.43
Deferred income	98,274,267.80	99,754,346.39
Deferred Tax liabilities	60,811,462.07	52,384,532.28
Other non-current liabilities		
Total Non-current Liabilities	877,797,457.02	928,285,022.31
Total Liabilities	5,058,805,868.38	4,541,744,693.37
Owners Equity(or Shareholders Equity):		

Paid-in capital (Share capital)	843,212,507.00	843,212,507.00
Other equity instrument		
Including: preference share		
perpetual capital securities		
Capital reserve	717,097,098.38	717,097,098.38
Less: Treasury stock		
Other comprehensive income	2,208,669.73	2,208,669.73
Chartered reserve	449,374.96	
Surplus reserves	867,159,439.34	825,222,039.39
△Provision for general risk		
Undistributed profit	617,386,488.34	618,380,112.53
Equity attributable to equity holders of the Company	3,047,513,577.75	3,006,120,427.03
*Minority interest	56,528,848.12	54,070,209.20
Total Equity	3,104,042,425.87	3,060,190,636.23
Total Liabilities and Equity	8,162,848,294.25	7,601,935,329.60

legal representative: Ji Zhijian head of the accounting work: Wang Jinxiu the person in charge of the accounting office: Li Sheng

Balance Sheet of Parent Company

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd

Amount Unit:RMB

ITEMS	31 December 2023	01 January 2023
Current Assets:		
Monetary funds	177,430,880.63	361,446,559.26
Tradable financial asset		
Derivative financial assets		
Notes receivable	64,984,113.98	100,218,283.64
Accounts receivable	612,933,182.91	629,954,649.50
Receivable financing	13,562,917.97	12,451,483.74
Prepayments	62,988,427.81	61,446,678.23
Other receivables	138,883,665.74	36,021,805.53
including: interest receivable		
dividend receivable	110,000,000.00	
Inventories	394,763,078.40	342,276,945.65
Contractual assets	106,401,142.42	83,739,043.68
Held for sale assets		
Non-current assets due within 1-year		15,715,631.52
Other current assets	3,046,484.01	565,836.48
Total Current Assets	1,574,993,893.87	1,643,836,917.23
Non-Current Assets:		
Debt investment		
Other debt investment		
Long-term receivables		5,162,458.90
Long-term equity investment	2,930,381,144.87	2,720,998,153.80
Other equity instrument investment		
Other non-current financial assets	162,709,629.13	148,635,718.81
Investments properties	86,587,170.43	90,986,890.03
Fixed assets	632,491,373.17	646,432,825.98
Construction in process	42,867,809.00	48,905,875.93
Production biological assets		
Oil-gas assets		
Right-of-use assets	13,360,039.29	14,975,625.90

Intangible assets	68,437,853.58	72,158,994.17
Development cost		
Goodwill		
Long-term unamortized expense	4,434,379.95	5,553,733.11
Deferred tax asset	27,809,290.39	21,597,992.46
Other non-current assets		
Total Non-current Assets	3,969,078,689.81	3,775,408,269.09
Total Assets	5,544,072,583.68	5,419,245,186.32

legal representative: Ji Zhijian head of the accounting work: Wang Jinxiu the person in charge of the accounting office: Li Sheng

Balance Sheet of Parent Company (continued)

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd

Amount Unit: RMB

ITEMS	31 December 2023	01 January 2023
Current Liabilities:		
Short-term borrowings	219,000,000.00	234,980,000.00
Financial liability held for trading		
Derivative financial liabilities		
Notes payable	172,920,936.32	259,002,815.07
Accounts payable	418,383,161.14	406,794,291.57
Advance received		
Contractual liability	108,021,877.17	139,622,706.08
Employee pay payables	12,109,637.82	14,557,783.63
Taxes and duties payable	3,523,630.66	9,430,543.11
Other payables	174,010,076.60	21,061,597.80
including: interest payable		
dividend payable	533,156.00	533,156.00
Held for sale liabilities		
Non-current liabilities due within 1-year	134,539,973.21	42,972,752.44
Other current liabilities	69,349,185.65	106,146,986.20
Total Current Liabilities	1,311,858,478.57	1,234,569,475.90
Non-current Liabilities:		
Long-term borrowings	679,700,000.00	715,100,000.00
Bonds Payable		
including: preference share		
perpetual debt		
Lease liability	10,878,947.77	12,613,986.87
Long-term payables		12,908,810.87

Long-term employee payables		
Provision for liabilities		
Deferred income	61,369,767.80	61,685,846.39
Deferred Tax liabilities	22,714,636.67	20,649,497.74
Other non-current liabilities		
Total Non-current Liabilities	774,663,352.24	822,958,141.87
Total Liabilities	2,086,521,830.81	2,057,527,617.77
Owners Equity(or Shareholders Equity):		
Paid-in capital (Share capital)	843,212,507.00	843,212,507.00
Other equity instrument		
Including:preference share		
perpetual capital securities		
Capital reserve	755,146,592.54	755,146,592.54
Less: Treasury stock		
Other comprehensive income	1,246,569.06	1,246,569.06
Chartered reserve		
Surplus reserves	867,159,439.34	825,222,039.39
Undistributed profit	990,785,644.93	936,889,860.56
Total Equity	3,457,550,752.87	3,361,717,568.55
Total Liabilities and Equity	5,544,072,583.68	5,419,245,186.32

legal representative:Ji Zhijian head of the accounting work:Wang Jinxiu the person in charge of the accounting office:Li Sheng

Consolidated Income Statement

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd

Amount Unit:RMB

Item	Current year	Last year
I、 Total operating revenue	4,815,941,467.70	2,893,085,310.29
Including: Operating revenue	4,815,941,467.70	2,893,085,310.29
Interest income		
Earned premiums		
Fees and commission income		
II、 Total cost of operation	4,718,340,202.43	2,988,322,715.94
Including: Cost of operation	4,005,597,458.19	2,537,528,841.40
Interest expenses		
Fees and commission expenses		
Payments to surrenders of insurance contracts		
Net amount of insurance claims expenses		
Net charges of provision for insurance contracts		
Dividends policy expenses		
Reinsurance expenses		
Taxes and surcharges	33,968,677.08	22,061,626.36
Selling and distribution expenses	233,862,026.48	153,735,714.96
Administrative expenses	250,568,245.50	186,378,204.50
R&D	164,185,717.71	76,792,805.69
Financial expenses	30,158,077.47	11,825,523.03
Including: Interest expenses	37,918,133.57	18,581,726.78
Interest income	10,558,433.14	5,850,062.80
add: other income	30,179,668.51	7,173,155.47
investment income (Loss listed with "-")	1,106,628.72	306,688,497.94
Including: income from investments in associates and joint ventures	-4,884,731.99	-37,218,861.27
Gain arising from derecognition of financial asset measured at amortized cost		
Exchange gain (Loss listed with "-")		
Gain on hedging of net exposure (Loss listed with "-")		
Gain on FV change (Loss listed with "-")	14,073,910.32	-46,991,034.40
Loss on impairment of credit (Loss listed with "-")	-69,732,055.75	-82,695,388.75
Loss on impairment of assets (Loss listed with "-")	-14,405,692.66	-74,825,795.00
Gain on asset disposal (Loss listed with "-")	-1,184,930.14	194,556.13
III、 Operating profit (Loss listed with "-")	57,638,794.27	14,306,585.74
Add: Non-operating income	14,533,922.09	11,841,528.55
Less: Non-operating expenses	6,966,477.53	5,204,540.35
IV、 Total profit (Loss listed with "-")	65,206,238.83	20,943,573.94
Less: Income tax expenses	11,031,699.08	576,816.28
V、 Net profit (Net loss listed with "-")	54,174,539.75	20,366,757.66
(I) Classification by continuity	54,174,539.75	20,366,757.66
1、 Net profit from continuing operation	54,174,539.75	20,366,757.66
2、 Net profit from discontinuing operation		
(II) Classification by ownership	54,174,539.75	20,366,757.66
1、 Net profit attributable to equity holders (shareholders) of the Company	49,375,900.83	18,731,969.48
2、 Minority interest	4,798,638.92	1,634,788.18

VI、 Other comprehensive income net off tax		29,988.00
Net other comprehensive income net off tax attributable to equity holders(shareholders) of the parent company		29,988.00
(I)Items that may not be reclassified subsequently to the income statement		
1.Change in net asset/liability from remeasurment on defined benefit plan		
2.Under equity method, proportionate share of other comprehensive income in invested company that may not be reclassified subsequently to		
3.FV change of other equity instrument investment		
4.FV change of own credit risk		
5.Others		
(II)Items that may be reclassified subsequently to the income statement		29,988.00
1.Under equity method, proportionate share of other comprehensive income invested company that may be reclassified subsequently to the income statement		29,988.00
2.FV change of other debt instrument investment		
3.Financial assets reclassified into other comprehensive income		
4.Credit impairment provision of other debt investment		
5.Cash flow hedges effective portion		
6.Foreign currency translation difference		
7.Others		
Net other comprehensive income net off tax attributable to Minority interest		
VII、 Total comprehensive income	54,174,539.75	20,396,745.66
Total comprehensive income attributable to parent Company	49,375,900.83	18,761,957.48
Total comprehensive income attributable to minority interest	4,798,638.92	1,634,788.18
VIII、 Earnings per share		
(I)Basic earnings per share	0.06	0.02
(II)Diluted earnings per share	0.06	0.02

legal representative:Ji Zhijian head of the accounting work:Wang Jinxiu the person in charge of the accounting office:Li Sheng

Income Statement of Parent Company

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Lt Amount Unit:RMB

Item	Current year	Last year
I、 Operating revenue	1,147,567,097.70	1,048,142,993.33
Less: Cost of operation	949,400,269.07	909,850,529.59
Taxes and surcharges	12,915,605.84	12,305,882.57
Selling and distribution expenses	58,418,856.46	54,927,585.49
Administrative expenses	83,623,829.67	92,850,447.59
R&D	34,643,670.44	28,982,093.78
Financial expenses	30,961,451.10	12,093,600.10
Including: Interest expenses	30,060,509.49	12,261,980.25
Interest income	928,862.25	2,557,312.33
Add: Other income	13,476,491.91	1,983,356.24
Investment income (Loss listed with "-")	137,165,248.86	289,868,640.72
Including: income from investments in associates and joint ventures	-5,506,787.08	-37,651,689.22
Gain arising from derecognition of financial asset measured at amortized		
Gain on hedging of net exposure (Loss listed with "-")		
Gain on FV change (Loss listed with "-")	14,073,910.32	-46,991,034.40
Loss on impairment of credit(Loss listed with "-")	-26,975,462.06	-27,779,271.62
Loss on impairment of assets(Loss listed with "-")	-15,398,757.36	-13,966,272.08
Gain on asset disposal(Loss listed with "-")	25,669.74	84,294.67
II、 Operating profit (Loss listed with "-")	99,970,516.53	140,332,567.74
Add: Non-operating income	-	49,394.31
Less: Non-operating expenses	451,394.65	61,252.08
III、 Total profit (Loss listed with "-")	99,519,121.88	140,320,709.97
Less: Income tax expenses	-4,746,187.51	-17,258,852.19
IV、 Net profit (Net loss listed with "-")	104,265,309.39	157,579,562.16
1、 Net profit from continuing operation	104,265,309.39	157,579,562.16
2、 Net profit from discontinuing operation		
V、 Other comprehensive income net off tax		29,988.00
(I)Items that may not be reclassified subsequently to the income statement		
1.Change in net asset/liability from remeasurment on defined benefit plan		
2.Under equity method, proportionate share of other comprehensive income in invested company that may not be reclassified subsequently to the income statement		
3.FV change of other equity instrument investment		

4.FV change of own credit risk		
5.Others		
(II)Items that may be reclassified subsequently to the income statement		29,988.00
1.Under equity method, proportionate share of other comprehensive income invested company that may be reclassified subsequently to the income statement		29,988.00
2.FV change of other debt instrument investment		
3.Financial assets reclassified into other comprehensive income		
4.Credit impairment provision of other debt investment		
5.Cash flow hedges effective portion		
6.Foreign currency translation difference		
7.Others		
VI、 Total comprehensive income	104,265,309.39	157,609,550.16

legal representative:Ji Zhijian head of the accounting work:Wang Jinxiu the person in charge of the accounting office:Li Sheng

Consolidated Cash Flow Statement

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., LtAmount Unit:RMB

Item	Current year	Last year
1. Cash flows from operating activities:		
Cash received from sales of goods and rendering of services	4,113,893,219.72	2,299,565,737.92
Net increase in deposits from customers and inter-banks deposits		
Net increase in loans from central bank		
Net increase in loans from other financial institutions		
Cash receipts of premium of direct insurance contracts		
Net cash received from reinsurance contracts		
Net increase in deposits from insurance policy holders and investment		
Cash receipts of interest, fees and commission		
Net increase in placement from banks and other financial institution		
Net increase in sales and repurchase operations		
Entrusted trading of securities		
Cash received from taxes refund	28,408,313.78	27,845,766.93
Cash received relating to other operating activities	126,828,658.19	92,440,515.31
Sub-total of cash inflows from operating activities	4,269,130,191.69	2,419,852,020.16
Cash paid for goods and services	3,076,384,953.42	1,765,774,138.68
Net increase in loans and disbursement to customers		
Net increase in deposit with central bank and inter-banks		
Cash paid for claims of direct insurance contracts		
Net increase of loans to other banks		
Cash paid for interest, fee and commission		
Cash paid for dividends of insurance policies		
Cash paid to and on behalf of employees	735,972,826.45	392,733,128.51
Payments of taxes and surcharges	190,790,155.61	85,488,578.90
Cash paid relating to other operating activities	290,422,923.95	232,103,473.43
Sub-total of cash outflows from operating activities	4,293,570,859.43	2,476,099,319.52
Net cash flows from operating activities	-24,440,667.74	-56,247,299.36
2. Cash flows from investment activities:		
Cash received from return of investments		304,791,101.68
Cash received from investments income	44,342,521.09	109,215,313.16
Net cash received from disposal of fixed assets, intangible assets and other	1,668,006.05	668,334.46
Net cash received from disposal of subsidiaries and other business units		5,264,093.90
Cash received relating to other investing activities		
Sub-total of cash inflows from investing activities	46,010,527.14	419,938,843.20
Cash paid to acquire fixed assets, intangible assets and other long-term assets	89,321,945.50	50,713,747.56
Cash paid for investments		
Net increase in pledged deposits		
Net cash paid to acquire subsidiaries and other business units	12,056,951.02	401,824,582.67
Cash paid relating to other investing activities	168,000,000.00	
Sub-total of cash outflow from investing activities	269,378,896.52	452,538,330.23
Net cash flows from investing activities	-223,368,369.38	-32,599,487.03
3. Cash flows from financing activities		
Cash received from investment absorption		

Including: Cash received by subsidiaries from investment absorpotion of		
Cash received from loans granted	385,643,636.90	847,850,000.00
Cash received relating to other financing activities	65,675,932.80	23,991,047.27
Sub-total of cash inflows from financing activities	451,319,569.70	871,841,047.27
Cash paid for settlement of borrowings	341,900,000.00	242,005,111.11
Cash paid for dividens, profits appropriation or payments of interest	41,772,038.58	30,640,401.33
Including: Dividens and profits paid to non-controlling interest		
Cash paid relating to other financing activities	70,690,408.48	29,129,116.86
Sub-total of cash outflows from financing activities	454,362,447.06	301,774,629.30
Net cash flows from financing activities	-3,042,877.36	570,066,417.97
4. Effect of changes in foreign exchange rate on cash and cash equivalents	-369,552.71	1,472,833.72
5. Net increase in cash and cash equivalents	-251,221,467.19	482,692,465.30
Add: Cash and cash equivalents at beginning of year	921,661,803.17	438,969,337.87
6. Cash and cash equivalents at end of year	670,440,335.98	921,661,803.17

legal representative: Ji Zhijian head of the accounting work: Wang Jinxiu the person in charge of the accounting office: Li Sheng

Cash Flow Statement of Parent Company

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd Amount Unit :RMB

Item	Current year	Last year
1.Cash flow from operating activities		
Cash receipts from sale of goods or rendering of services	1,051,980,732.24	769,156,429.00
Refunds of taxes		7,968,777.52
Other cash receipts in operating activities	41,293,162.40	16,186,561.44
Sub-total of cash inflows from operating activities	1,093,273,894.64	793,311,767.96
Cash payments for goods and services acquired	838,210,003.11	721,626,515.16
Cash payments to and on behalf of employees	117,935,562.40	116,047,528.96
Tax and duties payments	47,714,652.88	30,826,994.20
Other cash payments for operating activities	61,625,120.00	73,762,376.92
Sub-total of cash outflows from operating activities	1,065,485,338.39	942,263,415.24
Net cash flows from operating activities	27,788,556.25	-148,951,647.28
2.Cash flows from investing activities		
Cash receipts from return of investments		330,679,301.68
Cash receipts from investments income	71,227,317.94	262,646,360.17
Net cash receipts from disposal of fixed assets, intangible assets and other long-term assets	33,000.00	5,000.00
Net cash receipts from disposal of subsidiaries and other businesses		
Other cash receipts in investing activities		
Sub-total of cash inflows from investing activities	71,260,317.94	593,330,661.85
Cash payments for acquired fixed assets, intangible assets and other long-term assets	15,937,868.92	14,815,415.96
Cash payments for investment	253,285,500.00	1,010,883,060.00
Net cash payments for acquisition of subsidiaries and other businesses		
Other cash payments in investing activities		
Sub-total of cash outflows from investing activities	269,223,368.92	1,025,698,475.96
Net cash flows from investment activities	-197,963,050.98	-432,367,814.11
3.Cash flows from financing activities		
Cash received from capital injection		
Cash receipts from borrowings	336,000,000.00	829,000,000.00
Other cash receipts in financing activities		5,971,249.02
Sub-total of cash inflows from financing activities	336,000,000.00	834,971,249.02
Cash paid for settlement of borrowings	296,900,000.00	237,000,000.00
Cash paid for dividends, profits appropriation or payments of interest	35,400,176.36	23,036,986.09

Other cash payments in financing activities	21,382,927.78	2,535,000.00
Sub-total of cash outflows from financing activities	353,683,104.14	262,571,986.09
Net cash flows from financing activities	-17,683,104.14	572,399,262.93
4.Effect of changes in foreign exchange rate on cash and cash equivalents	-61,918.58	19,977.77
5.Net increases in cash and cash equivalents	-187,919,517.45	-8,900,220.69
Add: the beginning balance of cash and cash equivalent	361,032,768.50	369,932,989.19
6.The ending balance of cash and cash equivalent	173,113,251.05	361,032,768.50

legal representative:Ji Zhijian head of the accounting work:Wang Jinxiu the person in charge of the accounting office:Li Sheng

Consolidated Statement of Changes in Shareholder's Equity

Item	Current year													Minority interests	Total equity
	Equity attributable to the equity holders of the Company														
	Paid-up capital (share capital)	Other equity instrument			Capital reserves	Less: Treasury shares	Other comprehensive income	Special reserves	Surplus reserves	△General risk provision	Undistributed profits	Others	Sub-total		
	preference share	perpetual bond	others												
1. Balance at end of last year	843,212,507.00				717,097,098.38		2,208,669.73		825,226,634.15		618,445,922.58		3,006,190,831.84	54,077,970.99	3,060,268,802.83
Add: Changes in accounting policies								-4,594.76		-65,810.05		-70,404.81	-7,761.79	-78,166.60	
Correction of prior periods errors															
Business combination within the same control															
Others															
2. Balance at beginning of current year	843,212,507.00				717,097,098.38		2,208,669.73		825,222,039.39		618,380,112.53		3,006,120,427.03	54,070,209.20	3,060,190,636.23
3. Increase/ Decrease for current year (Decrease listed with "-")								449,374.96	41,937,399.95		-993,624.19		41,393,150.72	2,458,638.92	43,851,789.64
(I) Total of comprehensive income										49,375,900.83		49,375,900.83	4,798,638.92	54,174,539.75	
(II) Capital contribution and reduction															
1. Ordinary share															
2. Capital contributed by other equity instrument holders															
3. Share-based payments charged to equity															
4. Others															
(III) Profit appropriations								41,937,399.95		-50,369,525.02		-8,432,125.07	-2,340,000.00	-10,772,125.07	
1. Appropriation to surplus reserves								41,937,399.95		-41,937,399.95					
2. Appropriation to general risks provision															
3. Appropriation to equity holders (or shareholders)										-8,432,125.07		-8,432,125.07	-2,340,000.00	-10,772,125.07	
4. Others															
(IV) Transfer within equity															
1. Transfer of capital reserve to capital (share capital)															
2. Transfer of surplus reserves to capital (share capital)															
3. Surplus reserves making up of losses															
4. Carried over the change in net asset/liability from remeasurment on defined benefit plan															
5. Transfer of other comprehensive to retained earnings															
6. Others															
(V) Special reserves								449,374.96				449,374.96		449,374.96	
1. Provision for special reserve								13,214,150.71				13,214,150.71		13,214,150.71	
2. Utilisation of special reserve								12,764,775.75				12,764,775.75		12,764,775.75	
(VI) Others															
4. Balance at end of current year	843,212,507.00				717,097,098.38		2,208,669.73	449,374.96	867,159,439.34		617,386,488.34		3,047,513,577.75	56,528,848.12	3,104,042,425.87

legal representative: Ji Zhijian

head of the accounting work: Wang Jinxiu

the person in charge of the accounting office: Li Sheng

Consolidated Statement of Changes in Shareholder's Equity(continued)

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd

Amount Unit:RMB

Item	Last year														
	Equity attributable to the equity holders of the Company												Minority interests	Total equity	
	Paid-up capital (share capital)	Other equity instrument			Capital reserves	Less: Treasury shares	Other comprehensive income	Special reserves	Surplus reserves	△General risk provision	Undistributed profits	Others			Sub-total
preference share		perpetual bond	others												
1. Balance at end of last year	843,212,507.00				720,215,866.78		2,178,681.73		809,471,199.64		627,764,582.32		3,002,842,837.47	46,654,771.50	3,049,497,608.97
Add: Changes in accounting policies									-7,116.47		-539,927.37		-547,043.84	-8,916.10	-555,959.94
Correction of prior periods errors															
Business combination within the same control															
Others															
2. Balance at beginning of current year	843,212,507.00				720,215,866.78		2,178,681.73		809,464,083.17		627,224,654.95		3,002,295,793.63	46,645,855.40	3,048,941,649.03
3. Increase/ Decrease for current year (Decrease listed with "-")					-3,118,768.40		29,988.00		15,757,956.22		-8,844,542.42		3,824,633.40	7,424,353.80	11,248,987.20
(I) Total of comprehensive income							29,988.00				18,731,969.48		18,761,957.48	1,634,788.18	20,396,745.66
(II) Capital contribution and reduction					-3,118,768.40						-3,386,430.61		-6,505,199.01	7,589,565.62	1,084,366.61
1.Ordinary share															
2.Capital contributed by other equity instrument holders															
3.Share-based payments charged to equity															
4.Others					-3,118,768.40						-3,386,430.61		-6,505,199.01	7,589,565.62	1,084,366.61
(III) Profit appropriations									15,757,956.22		-24,190,081.29		-8,432,125.07	-1,800,000.00	-10,232,125.07
1.Appropriation to surplus reserves									15,757,956.22		-15,757,956.22				
2.Appropriation to general risks provision															
3.Appropriation to equity holders (or shareholders)											-8,432,125.07		-8,432,125.07	-1,800,000.00	-10,232,125.07
4.Others															
(IV) Transfer within equity															
1.Transfer of capital reserve to capital (share capital)															
2.Transfer of surplus reserves to capital (share capital)															
3.Surplus reserves making up of losses															
4.Carried over the change in net asset/liability from remeasurment on defined benefit plan															
5.Transfer of other comprehensive to retained earnings															
6.Others															
(V) Special reserves															
1.Provision for special reserve									4,613,180.31				4,613,180.31		4,613,180.31
2.Utilisation of special reserve									4,613,180.31				4,613,180.31		4,613,180.31
(VI) Others															
4. Balance at end of current year	843,212,507.00				717,097,098.38		2,208,669.73		825,222,039.39		618,380,112.53		3,006,120,427.03	54,070,209.20	3,060,190,636.23

legal representative:Ji Zhijian

head of the accounting work:Wang Jinxiuthe

person in charge of the accounting office:Li Sheng

Statement of Changes in Shareholder's Equity of Parent Company

Name of Enterprise: Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd

For the Year of 2023

Amount Unit:RMB

Item	Current year											
	Paid-up capital (share capital)	Other equity instrument			Capital reserves	Less: Treasury shares	Other comprehensive income	Special reserves	Surplus reserves	Undistributed profits	Others	Total equity
		preference share	perpetual bond	others								
1. Balance at end of last year	843,212,507.00				755,146,592.54		1,246,569.06		825,226,634.15	936,931,213.43		3,361,763,516.18
Add: Changes in accounting policies									-4,594.76	-41,352.87		-45,947.63
Correction of prior periods errors												
Others												
2. Balance at beginning of current year	843,212,507.00				755,146,592.54		1,246,569.06		825,222,039.39	936,889,860.56		3,361,717,568.55
3. Increase/ Decrease for current year (Decrease listed with "-")									41,937,399.95	53,895,784.37		95,833,184.32
(I) Total of comprehensive income										104,265,309.39		104,265,309.39
(II) Capital contribution and reduction												
1.Ordinary share												
2.Capital contributed by other equity instrument holders												
3.Share-based payments charged to equity												
4.Others												
(III) Profit appropriations									41,937,399.95	-50,369,525.02		-8,432,125.07
1.Appropriation to surplus reserves									41,937,399.95	-41,937,399.95		-
2.Appropriation to equity holders (or shareholders)										-8,432,125.07		-8,432,125.07
3.Others												
(IV) Transfer within equity												
1.Transfer of capital reserve to capital (share capital)												
2.Transfer of surplus reserves to capital (share capital)												
3.Surplus reserves making up of losses												
4.Carried over the change in net asset/liability from remeasurment on defined benefit plan												
5.Transfer of other comprehensive to retained earnings												
6.Others												
(V) Special reserves												
1.Provision for special reserve												
2.Utilisation of special reserve												
(VI) Others												
4. Balance at end of current year	843,212,507.00				755,146,592.54		1,246,569.06		867,159,439.34	990,785,644.93		3,457,550,752.87

legal representative:Ji Zhijian

head of the accounting work:Wang Jinxu

the person in charge of the accounting office:Li Shen

Statement of Changes in Shareholder's Equity of Parent Company(continued)

For the Year of 2023

Item	Last year											
	Paid-up capital (share capital)	Other equity instrument			Capital reserves	Less: Treasury shares	Other comprehensive income	Special reserves	Surplus reserves	Undistributed profits	Others	Total equity
		preference share	perpetual bond	others								
1. Balance at end of last year	843,212,507.00				755,146,592.54		1,216,581.06		809,471,199.64	803,564,427.95		3,212,611,308.19
Add: Changes in accounting policies								-7,116.47	-64,048.26			-71,164.73
Correction of prior periods errors												
Others												
2. Balance at beginning of current year	843,212,507.00				755,146,592.54		1,216,581.06		809,464,083.17	803,500,379.69		3,212,540,143.46
3. Increase/ Decrease for current year (Decrease listed with "-")												
(I) Total of comprehensive income						29,988.00			15,757,956.22	133,389,480.87		149,177,425.09
(II) Capital contribution and reduction						29,988.00			157,579,562.16			157,609,550.16
1. Ordinary share												
2. Capital contributed by other equity instrument holders												
3. Share-based payments charged to equity												
4. Others												
(III) Profit appropriations									15,757,956.22	-24,190,081.29		-8,432,125.07
1. Appropriation to surplus reserves									15,757,956.22	-15,757,956.22		
2. Appropriation to equity holders (or shareholders)										-8,432,125.07		-8,432,125.07
3. Others												
(IV) Transfer within equity												
1. Transfer of capital reserve to capital (share capital)												
2. Transfer of surplus reserves to capital (share capital)												
3. Surplus reserves making up of losses												
4. Carried over the change in net asset/liability from remeasurment on defined benefit plan												
5. Transfer of other comprehensive to retained earnings												
6. Others												
(V) Special reserves												
1. Provision for special reserve									2,791,153.21			2,791,153.21
2. Utilisation of special reserve									2,791,153.21			2,791,153.21
(VI) Others												
4. Balance at end of current year	843,212,507.00				755,146,592.54		1,246,569.06		825,222,039.39	936,889,860.56		3,361,717,568.55

legal representative: Ji Zhijian

head of the accounting work: Wang Jinxiu

the person in charge of the accounting office: Li Sheng

I. General Information

Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd (the “Company”) previously named as Dalian Refrigeration Company Limited, was reorganized and reformed from main part of former Dalian Refrigeration Factory. On December 8, 1993, the Company went to the public as a listed company at Shenzhen Stock Exchange Market. On March 20, 1998, the Company successfully went to the public at B share market and listed at Shenzhen Stock Exchange Market with total share capital of RMB350,014,975.00Yuan. The registered address is No. 106 East Liaohe Road, Dalian Economic and Technological Development Zone, Liaoning Province, as same as the headquarters’ address. The unified social credit code is 912102002423613009 on the business license.

According to the 13th meeting of the 6th generation of board, extraordinary general meeting for 2015 fiscal year and ' Restricted share incentive plan (draft)', the Company planned to introduce an ordinary share to incentive objectives, which was 10,150,000 number of shares would be granted to 41 share incentive objectives at granted price of RMB5.56Yuan per share. Up to March 12, 2015, the Company received new added share capital of RMB10,150,000.00Yuan.

The general meeting for 2015 fiscal year held on April 21, 2016 approved the profit distribution policy for the year of 2015, which agrees the profit distribution based on the total 360,164,975 number of shares as share capital, paid share dividend of 5 common shares for every 10 shares through capital reserve. The policy stated above was fully implemented on May 5, 2016, and the registered capital was altered to 540,247,462.00Yuan.

The 17thmeeting of the 6th generation of board was held on June 4, 2015 and the 2nd interim shareholders’ meeting was held on June 24, 2015, meeting deliberated and passed the proposal of non-public offering of ‘A shares’. China’s Securities Regulatory Commission issued SFC license [2015]3137 on December 30, 2015, approving that new non-public offering cannot exceeded 38,821,954 numbers of shares. The company implemented the post meeting procedures for China’s Securities Regulatory Commission, which is regarding adjustment of bottom price and the number of the shares issued after the implementation of profit distribution policy of 2015 in May, 2016, and accordingly revised the upper limit of non-public offering of share to 58,645,096 number of new ‘A shares’. The company issued the non-public offering of 58,645,096 number of ‘A shares’ to 7 investors, and as a result, the total number of shares of the Company is changed to 598,892,558 shares, and the par value is 1yuan per share and the total share capital is 598,892,558.00Yuan.

According to the ‘Restricted Share Incentive Plan(draft) of Dalian Refrigeration Company Limited for the year of 2016’ and the ‘Proposal regarding the shareholders’ meeting authorized the board of directors to implement the Restricted Share Incentive Plan’ approved

on the 3rd provisional general meeting held on September 13, 2016, the 9th meeting of the 7th generation of board deliberated and passed the ‘Proposal about granting the restricted shares to incentive targets’ on September 20, 2016 and set September 20, 2016 as share granted date, and granted 12,884,000 number of restricted shares to 118 incentive targets at granted price of 5.62Yuan per share. By November 22, 2016, The Company has actually received the newly subscribed registered share capital of 12,884,000.00Yuan subscribed by incentive targets.

On May 19, 2017, the general meeting for 2016 fiscal year was held and profit appropriation scheme for 2016 FY was approved, which was every 10 shares will be increased by 4 shares through capital reserve based on the total 611,776,558 number of shares. After the profit appropriation scheme, the registered capital was changed to RMB856,487,181.00Yuan.

On December 28, 2017, The Company held the 3rd extraordinary shareholders meeting in 2017, and reviewed and approved the “Proposal on Repurchasing and Retiring Partially Restricted Stocks of the 2016 Restricted Stock Incentive Plan”. On March 8, 2018, after The Company's repurchase and cancellation, The Company implemented the corresponding capital reduction procedures according to law. The registered capital of The Company was changed from 856,487,181.00Yuan to 855,908,981.00 Yuan.

On May 4, 2018, The Company held the 21st meeting of the 7th Board of Directors, and reviewed and approved the “Proposal on Repurchasing and Retiring Partially Restricted Stocks of the 2015 Restricted Stock Incentive Plan”. On June 29, 2018, after The Company's repurchase and cancellation, The Company implemented the corresponding capital reduction procedures according to law. The registered capital of The Company was changed from 855,908,981.00 Yuan to 855,434,087 .00Yuan.

On January 17th, 2019, the 1st interim shareholders’ meeting was held and approved for “Proposal on Termination of the 2016 Restricted Stock Incentive Plan and Repurchasing and Retiring Restricted Stocks Plan”. Up to February 25th, 2019, The Company has completed the repurchasing and retiring stocks plan, respectively The Company shall perform the corresponding capital reduction procedures in accordance with the law and the registered capital decreased from 855,434,087.00Yuan to 843,212,507.00Yuan.

On December 20th, 2019, The Company held the 7th meeting of the 8th Board of Directors and approved to change The Company’s name from Dalian Refrigeration Company Limited to Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd.

The company is in general equipment manufacturing industry. The main business activities are the research and development, production and sales of various industrial refrigeration components, as well as the design, production and installation of complete engineering projects. The main products include: scroll type, piston type, screw type compressor units, cold water machine and other refrigeration equipment and all kinds of complete sets of

refrigeration projects.

This financial report is approved by the board of directors on April 24, 2024. The financial statements will be reviewed at general meeting.

II. Financial Statements Preparation Basis

(1) Preparing basis

The group's financial statements are prepared according to the actual occurred transactions and events, and in accordance with 'Accounting Standards for Business Enterprises', its application guidelines, interpretations and other relevant provisions promulgated by the Ministry of Finance (collectively referred to as "Accounting Standards for Business Enterprises") and "No. 15 of Information Disclosure and Reporting Rules for Publicly Listed Companies - General Provisions for Financial Reports" (revised in 2023) promulgated by the China Securities Regulatory Commission (hereinafter referred to as the "CSRC").

(2) Going concern

The group has assessed the capacity to continually operate within 12 months since December 31, 2023, and hasn't found the major issues impacting on the sustainable operation ability. The Company's financial statements are prepared on the basis of going concern assumption.

III. Significant Accounting Policies and Accounting Estimates

1. Declaration for compliance with accounting standards for business enterprises

The financial statements are prepared in line with the requirements of Accounting Standard for Business Enterprise, and reflect the relative information of the financial position for the year ended as of December 31, 2023, operating performance, cash flow of the Company and the group for the year then ended truly and fully.

2. Accounting period

The group adopts the Gregorian calendar year as accounting period from Jan 1 to Dec 31.

3. Operating cycle

The group sets twelve months for one operating cycle.

4. Functional currency

The group adopts RMB as functional currency.

5. Materiality criteria set up method and basis

The financial statements preparation and disclosure are in line with materiality. For those matters to be disclosed and need judgement for materiality, materiality criteria set up method and basis are as follows:

Disclosures involved by materiality judgement	In the notes to the financial statements	Materiality criteria set up method and basis
Significant receivables with individual provision for bad debts	Note VI.3	Single provision is over 10 million Yuan and represents more than 10% of the total provision
Collection or reverse of significant receivables	Note VI.3	Single provision is over 10 million Yuan and represents more than 10% of the total provision
Significant receivables written off	Note VI.3	Single provision is over 10 million Yuan and represents more than 10% of the total provision
Significant construction in progress	Note XVI.16	Single project budget over 30 million Yuan
Significant JV or associates	Note VIII.3	The book value of long-term equity investment in a single investee accounts for more than 10% of the group's net assets and the amount is greater than 100 million Yuan, or the gain or loss on investment under the long-term equity investment equity method accounts for more than 10% of the group's consolidated net profit
Significant subsidiary		Subsidiary's net assets are more than 10% of the group assets and its net profit is more than 10% of consolidated profit

6. Accounting for business combination under same control and not under same control

(1) Business combination under the same control

Business combination under the same control is the situation where entities participating the merger are controlled by the same party or controlled by parties under same ultimate control before and after merger and the control is not temporary.

The group, as an acquirer, the assets and liabilities that the group obtained in a business combination under the same control should be measured on the basis of their carrying amount of the acquiree in the ultimate control party's consolidated financial statements on the combining date. As for the balance between the carrying amount of the net assets obtained by the combining party and the carrying amount of the consideration paid by it, the capital

surplus shall be adjusted. If the capital surplus is not sufficient to be offset, the retained earnings shall be adjusted.

(2) Business combination not under same control

Business combination not under the same control is the situation where entities participating the merger are not controlled by the same party or not controlled by parties under same ultimate control before and after merger.

When the group is an acquirer, for a business combination not under same control, the asset, liability and contingent liability obtained, shall be measured at the fair value on the acquisition date. The difference, when combination cost exceeds proportionate share of the fair value of identifiable net assets of acquire should be recognized as goodwill. If the combination cost is less than proportionate share of the fair value of identifiable net assets of acquiree, firstly, fair value of identifiable asset, liability or contingent liability shall be reviewed, and so the fair value of non-monetary assets or equity instruments issued in the combination consideration , after review, still the combination cost is less than proportionate share of the fair value of identifiable net assets of acquire, the difference should be recognized as non-operating income.

If a business consolidation not under common control is finally achieved in stages, when preparing the consolidated financial statements, the acquirer shall remeasure its previously held equity interest in the acquiree at its fair value on acquisition date and recognize the gain or loss as investment income for the current period. Other comprehensive income, under equity method accounting rising from the interest held in acquiree in relation to the period before the acquisition, and changes in the value of its other equity other than net profit or loss, other comprehensive income and profit appropriation shall be transferred to investment gain or loss for the period in which the acquisition incurs, excluding the other comprehensive income from the movement on the remeasurement of ne asset or liability of defined benefit plan.

7. Criteria of control judgment and method of preparation of consolidated financial statements

Consolidation scope is determined on the control basis including the Company and all subsidiaries controlled by the Company. Control criteria is that the group has the power over the investees, enjoy the variable return by involving the relative activities of the investees and also has the impact on the return amount through the power over the investees.

If subsidiaries adopt different accounting policy or have different accounting period from the parent company, appropriated adjustments shall be made in accordance with the Company policy in preparation of the consolidated financial statements.

All significant intergroup transactions, outstanding balances and unrealized profit shall be

eliminated in full when preparing the consolidated financial statements. Portion of the subsidiary's equity not belonging to the parent, profit, loss for the current period, portion of other comprehensive income and total comprehensive belonging to minority interest, shall be presented separately in the consolidated financial statements under "minority interest of equity", minority interest of profit and loss", "other comprehensive income attributed to minority interest" and "total comprehensive income attributed to minority interest" title.

If a subsidiary is acquired under common control, its operation results and cash flow shall be consolidated since the beginning of the consolidation period. When preparing the comparative consolidated financial statements, adjustments shall be made to relevant items of comparative figures as regarded that reporting entity established through consolidation has been always existing since the point when the ultimate controlling party starts to have the control.

If a subsidiary is acquired not under common control, its operation results and cash flow shall be consolidated since the beginning of the consolidation period. In preparation of the consolidated financial statements, adjustments shall be made to subsidiary's financial statements based on the fair value of its all identifiable assets, liability or contingent liability on the acquisition date.

When the group partially disposes of the long –term equity investment in subsidiary without losing the control over it, in the consolidated financial statements, the difference, between disposals price and respective disposed value of share of net assets in the subsidiary since the acquisition date or combination date, shall be adjusted for capital surplus or share premium, no enough capital surplus, then adjusted for retained earnings.

When the group partially disposes of the long –term equity investment in subsidiary and lose the control over it, in preparation of consolidated financial statements, remaining share of interest in the subsidiary shall be remeasured on the date of losing control. Sum of the share disposal consideration and fair value of remaining portion of shareholding minus the share of the net assets in the subsidiary held based on the previous shareholding percentage since the acquisition date or combination date, the balance of above is recognized as investment gain/loss for the period and goodwill shall be written off accordingly. Other comprehensive income relevant to share investment in subsidiary shall be transferred to investment gain /loss for the period on the date of losing control.

When the group partially disposes of the long –term equity investment in subsidiary and lose the control over it by stages, if all disposing transactions are bundled, each individual transaction shall be seen as a transaction of disposal of a subsidiary by losing control. The difference between the disposal price and the share of the net assets in the subsidiary held before the date of losing control, shall be recognize as other comprehensive income until the date of losing control where it is transferred into investment gain/ loss for the current period. If the equity investment in the subsidiary is disposed of by stages through multiple

transactions until the control is lost, and it is not a bundled transaction, each transaction shall be accounted for separately according to whether the control is lost.

8. Cash and cash equivalent

The cash listed on the cash flow statements of the Company refers to cash on hand and bank deposit. The cash equivalents refer to short-term (normally with original maturities of three months or less) and liquid investments which are readily convertible to known amounts of cash and subject to an insignificant risk of changes in value.

9. Translation of foreign currency

(1) Foreign currency transaction

Foreign currency transactions are translated at the spot exchange rate issued by People's Bank of China ("PBOC") on the 1st day of the month when the transactions are accounted initially.

At the balance sheet date, foreign currency monetary items should be converted into reporting currency at the balance sheet date's spot exchange rate. Exchange differences should be taken into the current profits and losses except special foreign currency borrowings for construction and producing assets which are qualifying for assets capitalization, should be capitalized. Foreign currency non-monetary items, which are recorded in historical cost, should be still recorded at the spot exchange rate when the transaction occurred and no change on reporting currency amount. Foreign currency non-monetary items, which are measured at fair value, should be recorded in the spot exchange rate at the date measuring the fair value and the differences should be recognized as profit and loss from fair value changes and included in the current profits and losses. Invested capital in foreign currency shall be converted into reporting currency at FX rate at when the investment is received, and no foreign exchange difference arises between capital received and monetary items.

10. Financial instruments

(1) Recognition and derecognition of financial instruments

The group shall recognize a financial asset or a financial liability when becoming party to the contractual provisions of the instrument.

An entity shall derecognize a financial asset (or a part of it or a group of similar financial asset) when, and only when: 1) the contractual rights to the cash flows from the financial asset expire, or 2) the entity transfers contractual rights to receive the cash flows of a financial asset, or assumes a contractual obligation to pay those cash flows received to the 3rd party in full amount in time according to the 'passing-through' agreement and the entity substantially transfers all the risks and rewards of ownership of the financial asset in nature, or the entity neither transfers nor retains substantially all the risks and rewards of ownership of the financial asset, but the entity has not retained control.

Financial liabilities shall be derecognized if the obligation of the liability is fulfilled, cancelled or expired. An exchange between an existing borrower and lender of debt instruments with substantially different terms shall be accounted for as an extinguishment of the original financial liability and the recognition of a new financial liability. Similarly, a substantial modification of the terms an existing financial liability shall be accounted for as an extinguishment of the original financial liability and the recognition of a new financial liability. The difference between the carrying amount of a financial liability extinguished and the consideration paid, including any non-cash assets transferred or liabilities assumed, shall be recognized in profit or loss.

A regular way purchase or sale of financial assets shall be recognized and derecognized, as applicable, using trade date accounting or settlement date accounting.

(2) Classification and measurement of financial assets

At initial recognition, the group shall classify financial assets as measured at amortized cost, fair value through other comprehensive income or fair value through profit or loss on the basis of both the group's business model for managing the financial assets and the contractual cash flow characteristics of the financial asset. Only when the business model for managing the financial assets is changed, the affected financial assets shall be reclassified.

In determining the business model, the group considers, among others, the way in which the company evaluates and reports the performance of financial assets to key management personnel, the risks affecting the performance of financial assets and the way in which they are managed, and the way in which the relevant business managers are remunerated. In assessing whether the objective is to collect contract cash flows, the group needs to make an analytical judgment on the reasons, timing, frequency and value of the sale of the financial assets before the maturity date.

In determining the contract cash flow characteristics, the group is required to determine whether the contract cash flow is only the payment of principal and interest based on the outstanding principal, (including the assessment of the time value of money correction, judging any significant difference between it and the baseline cash flow/ for financial assets containing early repayment characteristics, is required to determine whether the fair value of early repayment features is very small).

Financial assets are measured at fair value at the initial recognition, but accounts receivable or notes receivable arising from the sale of goods or provision of services, etc., do not contain a significant financing component or do not consider the financing component of less than one year, the initial measurement is based on the transaction price.

For financial assets that are measured at fair value, the related transaction costs are directly included in current profit or loss, and those costs of other categories of financial assets are

included in their initial recognized amounts.

Financial assets subsequent measurement based on the classification

1) A financial asset measured at amortized cost

A financial asset shall be measured at amortized cost if both of the following conditions are met: ①the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows;②the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. The financial assets of this category include: monetary fund, receivable, notes receivable and other receivables.

2) Debt instruments measured at fair value through other comprehensive income

A financial asset shall be measured at fair value through other comprehensive income if both of the following conditions are met: ①the financial asset is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets and ②the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. The effective interest rate is applied to interest income. A gain or loss arising from a financial asset measured at fair value through other comprehensive income, which is not part of hedging relationship shall be recognized in other comprehensive income apart from interest income, impairment loss and foreign exchange difference. When this type of financial assets is derecognized, accumulated gain or loss previously in the other comprehensive income shall be out of it and accounted into retained earnings when the financial asset is derecognized. The financial assets of this category include: receivable financing.

3) Equity instruments measured at fair value through other comprehensive income

The group may make an irrevocable election for particular investments in equity instruments that it would be measured at fair value through other comprehensive income, but once the election is made, it is irrevocable. The group only recognizes the dividend (apart from the dividend as investment cost pay back) into profit and loss and fair value movement subsequently will be recognized into comprehensive income and no need for impairment provision. When this type of financial assets is derecognized, accumulated gain or loss previously in the other comprehensive income shall be out of it and accounted into retained earnings when the financial asset is derecognized. The financial asset of this category is equity instruments.

4) A financial asset measured as fair value through profit or loss

Apart from classified as the amortized cost financial assets and as fair value through other comprehensive income financial assets, a financial asset is classified as fair value through profit or loss. The group shall subsequently measure this financial asset at its fair value,

except for hedging accounting, any gain or loss on FVTPL shall be accounted into profit and loss. The financial assets of this category include: tradable financial asset other non-current financial asset.

A financial asset shall be classified as fair value through profit or loss if it is recognized contingent consideration through business combination, which is not under same control situation.

(3) Classification, basis for recognition and measurement of financial liability

Except for the financial guarantee contract, commitments to provide a loan at a below-market interest rate and financial liabilities that arise when a transfer of a financial asset does not qualify for derecognition or when the continuing involvement approach applies, the group shall initially classify all financial liabilities as it measured at amortized cost or financial liabilities at fair value through profit or loss. For financial liabilities that are measured at fair value, the related transaction costs are directly included in current profit or loss, and those costs of other categories of financial assets are included in their initial recognized amounts.

Financial liabilities subsequent measurement based on the classification

1) Financial liabilities as it subsequently measured at amortized cost

Effective interest method is applied to financial liabilities as subsequently measured at amortized cost

2) Financial liability as it measured at fair value through profit or loss

Financial liability measured at fair value through profit or loss including tradable financial liability (derivative instrument of financial liability included) and designated as financial liability measured at fair value through profit or loss. Tradeable financial liability (including derivate instrument of financial liability) are subsequently measured at fair value. The net gain or loss arising from changes in fair value are recorded in profit or loss for the period in which they are incurred. Financial liability designated as it measured at fair value through profit or loss shall be subsequently measured at fair value, except for changes in fair value caused by changes in the group's own credit risk, which are recognized in other comprehensive income, other changes in fair value are recognized in profit or loss for the current period; The group recognizes all fair value changes (including the amount affected by changes in its own credit risk) in profit or loss if the inclusion of changes in fair value caused by changes in its own credit risk in other comprehensive income would cause or widen the accounting mismatch in profit or loss for the current period.

(4) Financial instrument impairment

Based on expected credit loss, the group shall apply the impairment requirements for the followings: ① a financial asset measured at amortized cost; ② debt investment measured

at fair value and changes in fair value is through other comprehensive income; ③ lease receivable; ④ a contractual asset and financial guarantee contract.

Expected credit loss is the weighted average of credit losses with the respective risks of a default occurring as the weights. A credit loss herein is referred to as the present value, at original effective rate, of the difference between the contractual cash flows that are due to the group under the contract; and the cash flows that the Company expects to receive, that's the present value of the total cash shortage. The group shall measure expected credit losses of a financial instrument in a way that reflects: ① an unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes; ② the time value of money; and ③ reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

Expected credit loss of financial instrument is assessed individually and portfolio. The group assesses the expected credit loss based on the portfolio in accordance with the common characteristics of credit risk which involves type of financial instrument, credit risk grade, and age of trade receivables.

When assessing expected credit losses, the group considers all reasonable and supportable information, including that which is forward-looking. In making these judgments and estimates, the group extrapolates the expected changes in the debtor's credit risk based on historical repayment data combined with factors such as economic policies, macroeconomic indicators and industry risks. Different estimates may affect the provision for impairment, and the provision already made may not equal the actual amount of impairment losses in the future.

1) Impairment testing method of receivable and contract asset

For receivable, notes receivable and contract asset etc., which don't contain significant financing component and arise from sales of products and service provision, the group adopts simplified method to account expected credit loss provision at an amount equal to the whole lifetime expected credit losses.

For lease premium receivable, trade receivable containing significant financing component, and contract asset, the group adopts simplified method to account expected credit loss provision at an amount equal to the whole lifetime expected credit losses.

The group determines the expected credit loss of trade receivable on the basis of portfolios with common characteristics of credit risk, which are considered by expected credit loss measurement reflection, by reference to historical experience of credit loss and by comparison of receivable past due days/ receivable age with default risk rate, unless the single credit loss is separately recognized for contractual payments that is significant in amount and

credit impaired. If certain client is significant different from others in terms of credit risk characteristics, or the client's credit risk has significantly increased, such as experiencing severe finance difficulty, its expected credit loss is obviously higher than it to be at accounting age, the group will make separate credit loss provision for this client's receivable.

① Portfolio category and recognition basis of receivable (contract asset)

The group classifies accounts receivable (and contract assets) according to the similarity and relevance of credit risk characteristics based on information such as age, nature of payments, credit risk exposure, historical debt collection, etc. For accounts receivable (and contract assets), the group determines that aging is the primary factor affecting its credit risk and therefore, the group assesses its expected credit losses on the basis of aging portfolios. The group calculates the overdue age based on the payment date agreed in the contract.

No expected credit loss is recognized for receivables from related party within consolidated scope as the group assesses its credit risk is relatively low.

② Portfolio category and recognition basis of notes receivable

Portfolio category	Expected credit loss accounting estimate policy
Bank acceptance note portfolio	Lower credit risk assessed by the management, no expected credit loss recognition
Commercial acceptance note portfolio	Same as receivables portfolio and provided for excepted credit loss allowance based on expected credit loss rate

2) Impairment testing method of debt investment, other debt investment, loan commitments and financial guarantee contracts

With the exception of financial assets (such as debt investments, other debt investments), loan commitments and financial guarantee contracts for which the simplified measurement method is adopted above, the group adopts the general method (three-stage method) for the provision of expected credit losses. At each balance sheet date, the group assesses whether its credit risk has increased significantly since the initial recognition, and if the credit risk has not increased significantly since the initial recognition, in the first stage, the group measures the loss provision at an amount equivalent to the expected credit loss over the next 12 months and calculates interest income based on the carrying balance and effective interest rate; If the credit risk has increased significantly since the initial recognition but no credit impairment has occurred, in the second stage, the group measures the loss provision at an amount equivalent to the expected credit loss over the entire duration and calculates interest income based on the carrying balance and effective interest rate; If credit impairment occurs after initial recognition, in the third stage, the group measures the loss provision at an amount equivalent to the expected credit loss over the entire duration and calculates interest income at amortized costs and effective interest rates. For financial instruments with only low credit risk

at the balance sheet date, the group assumes that their credit risk has not increased significantly since initial recognition

The whole life expected credit loss refers to the expected credit loss caused by all possible default events during the whole expected life of the financial instrument. Expected credit losses over the next 12 months are expected credit losses resulting from defaults on financial instruments that may occur within 12 months after the balance sheet date (or if the expected duration of the financial instrument is less than 12 months) and are part of the overall expected credit losses over the life of the financial instrument.

Criteria of significant increase in credit risk and definition of credit impaired assets are disclosed on Note X.1

(5) Recognition and measurement of transfer of financial assets

A financial asset is derecognized when the financial asset has been transferred together with substantial all risks and rewards to the transferee. A financial asset can not be derecognized when the substantial all risks and rewards to the financial asset has been retained. When the all risks and rewards of the financial asset are neither transferred nor retained, but the group has given up its control of the financial asset, the financial asset shall be derecognized and recognize the asset and liability originated. Where control of the financial asset is not relinquished, the relevant financial asset shall be recognized according to the extent to which it continues to be involved in the transferred financial asset, and the relevant liability shall be recognized accordingly.

In the case where the financial asset as a whole qualifies for the derecognition conditions, the difference between the carrying value of transferred financial asset at the derecognition date and the sum of the consideration received for transfer and the accumulated amount of changes in fair value in respect of the amount of partial derecognition (financial assets involved in transfer must qualify the following conditions: ① the financial asset is held within a business model whose objective is not only for collecting contractual cash flows but also for sale; ②the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest based on the principal amount outstanding) , that was previously recorded under other comprehensive income is transferred into profit or loss for the period.

In the case where only part of the financial asset qualifies for derecognition, the carrying amount of financial asset being transferred is allocated between the portions that to be derecognized and the portion that continued to be recognized according to their relative fair value. The difference between the amount of consideration received for the transfer and the accumulated amount of changes in fair value that was previously recorded in other comprehensive income for the asset partially qualified for derecognition (financial assets involved in transfer must qualify the following conditions:① the financial asset is held

within a business model whose objective is not only for collecting contractual cash flows but also for sale; ; ②the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest based on the principal amount outstanding) and the above-mentioned allocated carrying amount is charged to profit or loss for the period.

Where the assets continue to be involved by providing financial guarantees for the transferred financial assets, the assets that continue to be involved in the same form are recognized at the lower of the carrying value of the financial assets and the amount of the financial guarantees. Financial guarantee amount means the maximum amount of consideration received that will be required to be repaid.

(6) Distinguish between financial liability and equity instrument and accounting

Financial liability and equity instrument shall be distinguished in accordance with the following standards: ① if the group cannot unconditionally avoid paying cash or financial asset to fulfil a contractual obligation, the contractual obligation is qualified or financial liability. For certain financial instrument, although there are no clear terms and conditions to include obligation of paying cash or other financial liability, contractual obligation may indirectly be formed through other terms and conditions. ②the group's own equity instrument shall also be considered whether it is the substitute of cash, financial asset or it is the remaining equity, after the issuer deducts liability, enjoyed by the equity holder , if it must or can be used to settle a financial asset. If the former, the instrument is a financial liability of the issuer, otherwise it is an equity instrument of the issuer. In certain circumstances, financial instrument contract is classified as financial liability, if financial instrument contract specifies the Company must or can use its own equity to settle the financial instrument, the contractual amount of right or obligation equals to that of the numbers of own equity instrument available or to be paid multiplied by fair value when settling, nevertheless the amount is fixed, or varied partially or fully based on the its own equity's market price(such as interest rate, certain commodity's or financial instrument's price variance).

When classifying a financial instrument (or its component) in the consolidated statements, the group takes all terms and conditions agreed by the its member and instrument holder into consideration. If the group because of the instrument, as a whole, bears settlement obligation by paying cash, other financial asset or other means resulted in financial liability, the instrument shall be classified as financial liability.

(7) Derivative financial instrument

The group uses derivative financial instruments such as foreign exchange forward contracts, commodity forward contracts and interest rate swaps to hedge exchange rate risk, commodity price risk and interest rate risk respectively. Derivative financial instruments are initially measured at their fair value on the date the derivative transaction contract is signed, and are

subsequently measured at their fair value. A derivative instrument with a positive fair value is recognized as an asset and a negative fair value is recognized as a liability.

Except hedging accounting, all gain or loss from the FV movement of derivative instrument shall be recognized in the income statement.

(8) Financial asset and financial liability offset

Financial asset and financial liability shall be presented in the balance sheet separately and cannot be offset, unless the following conditions are all met: ①the Company has the legal right to recognized offset amount and the right is enforceable. ②the Company plans to receive or a legal obligation to pay cash at net amount.

11. Inventories

Inventories are raw material, low-valuable consumable, goods on transit, working-in-progress, finished goods, and cost to fulfil the contract etc.

The inventories are processed on perpetual inventory system, and are measured at their actual cost on acquisition. Weighted average cost method is taken for measuring the inventory dispatched or used. Low value consumables and packaging materials is recognized in the income statement by one-off method.

At the balance sheet date, inventory is measured at the lower of cost and net realizable value. If the cost of the inventory is higher than its net realizable value, a provision is made for the decline in the price of the inventory and it is accounted in the current profit or loss. Net realizable value is the amount of the estimated selling price of inventory in daily activities less the estimated costs to be incurred at completion, estimated selling expenses and related taxes.

Impairment provision for the group's raw materials/goods in stock/WIP/ cost to fulfil the contract is made on an individual inventory item, and when determining its net realizable value, the inventory of goods in stock and materials used for sale are determined at the estimated selling price of the inventory less estimated selling expenses and related taxes; Inventory of materials held for use in production is determined at the estimated selling price of the finished goods produced less the estimated costs to be incurred up to completion, estimated selling expenses and

12. Contract asset and contract liability

(1) Contract asset

Contract asset is an entity's right to consideration in exchange for goods or services that the entity has transferred to a customer when that right is conditioned on something other than the passage of time. For example, the group sold two goods that can be clearly distinguished to the client, then the group has the right to consideration in exchange of the goods because one

of the goods are delivered, but the consideration's collection is conditioned on the other goods delivery, in this case, the right to consideration shall be recognized as contract asset.

Expected credit loss recognition of contract asset is referred to the Note III、10 Provision for impairment of financial assets.

(2) Contract liability

An entity's obligation to transfer goods or services to a customer for which the entity has received consideration (or the amount is due) from the customer. If a customer pays consideration, or the group has a right to an amount of consideration that is unconditional before the group transfers a good or service to the customer, the group shall present the contract as a contract liability when the payment is made or the payment is due (whichever is earlier).

13. Assets relevant to contract cost

(1) Assets recognition methods in relation to contract cost

Assets relevant to contract cost in the group include cost to fulfill the contract and cost to obtain a contract. Cost to fulfill the contract is presented under inventory and other non-current assets. Cost to obtain a contract is presented under other current assets and other non-current assets.

If the costs incurred in fulfilling a contract with a customer are not within the scope of another Standard such as inventory , fixed assets or intangible assets , an entity shall recognize an asset from the costs incurred to fulfill a contract only if those costs meet all of the following criteria: the costs relate directly to a contract or to an anticipated contract, including direct labor, direct materials and overheads which is clearly stated to be borne by the client and any other cost in line with the contract; the costs enhance resources of the group that will be used in performance obligations in the future; and the costs are expected to be recovered.

An asset as the incremental costs of obtaining a contract with a customer shall be recognized if the group expects to recover those costs. The group may recognize the incremental costs of obtaining a contract as an expense when incurred if the amortization period of the asset t is one year or less. The incremental costs of obtaining a contract are those costs that the group incurs to obtain a contract with a customer that it would not have incurred if the contract had not been obtained (for example, a sales commission). Other expenses incurred in order to obtain a contract rather than the incremental cost, and expected to be recovered (regardless of whether the contract is obtained such as travelling expenses) shall be recognized as an expense when incurred, unless those costs are explicitly chargeable to the customer.

(2) Amortization of asset relevant to contract cost

An asset recognized in accordance with contract cost shall be amortized on a systematic basis that is consistent with the transfer to the customer of the goods or services to which the asset relates.

(3) Impairment of asset relevant to contract cost

If the carrying value of the group's assets related to the contract cost is higher than the following two differences, the group will make the impairment provision for the excessive part and recognize the asset impairment loss: ① The remaining consideration that the group is expected to obtain due to the transfer of the commodities related to the asset; ② Estimate the costs to be incurred for the transfer of the relevant goods

14. Long-term equity investment

Long term equity investments are the equity investment in subsidiary, in associated company and in joint venture.

(1) Judgement on control, joint control and significant influence

Equity investments in which the group has a significant impact on the investee are investments in associates.

Significant influence refers to having the power to participate in the decision-making of the financial and operational policies of the investee, but not being able to control or jointly control the formulation of these policies with other parties. Significant influence exists when the entity directly or indirectly owned 20% or more but less than 50% voting shares in the investee, unless there is explicit evidence that the company cannot participate in the production and operation decisions of the investee or have control over the investee.

When having less than 20% voting shares, the group's significant influence still exists if the followings are taken into accounts: representation on the board of directors or equivalent governing body of the investee, participation in financial or operating activities policy-making processes, material transactions between the investor and the investee, interchange of managerial personnel or provision of essential technical information etc.

The group's joint venture investment is an equity investment whereby the parties have jointly control over it and have rights to the net assets of the investee. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control. The group's judgement on joint control is based on the joint arrangement that all participants or combinations of participants collectively control the arrangement and that decisions relating to the activities of the arrangement must be made with the unanimous consent of those participants who collectively control the arrangement.

(2) Accounting

The group initially measures the long-term investment in line with the initial cost for acquiring the investment.

The initial investment cost for long-term equity investment acquired through business combination under common control, is the carrying amount presented in the consolidated financial statements of the share of net assets at the combination date in the acquired company. If the carrying amount of net assets at the combination date in the acquired company is negative, investment shall be recognized at zero.

If long-term equity investment is acquired through business combination not under common control, initial investment cost shall be the combination cost. If the equity investment of investee not under common control is acquired by stages and it's not a bundled transaction, the carrying amount of the equity investment held previously plus newly increased investment cost are taken as the initial investment cost.

Apart from the long-term equity investments acquired through business combination, the cost of investment for the long-term equity investments acquired by cash payment is the amount of cash paid, relevant direct expense, tax and other necessary expenses for the investment. For long-term equity investment acquired by issuing equity instruments, the cost of investment is the fair value of the equity instrument issued.

The Company adopts cost model for investment in subsidiary on separate financial statement. Under cost model, the long-term equity investment is measured at initial investment cost. When more investment is added, it shall increase the carrying amount of investment by adjusting the fair value of additional investment and relevant transaction expenses. Cash dividend or profit declared by investee shall be recognized as investment gain/loss for the period based on the proportion share in the investee.

The Company adopts equity method for investment in joint venture and affiliate. Under equity method, if the initial investment cost is greater than the share of fair value of the identifiable net assets in the investee, the initial investment cost of long-term equity investment is no need to be adjusted; If the initial investment cost is less than the share of fair value of the identifiable net assets in the investee , the difference shall be recorded into the current profit and loss, and the cost of long-term equity investment shall be adjusted at the same time.

Long-term equity investment subsequently, under equity method, shall be adjusted for its carrying amount according to the share of equity increase or decrease in the investee. The Company shall recognize its share of the investee's net gain or losses after the investee's net profit adjustment, based on the fair value of the investee's individual identifiable assets at the acquisition date, after making appropriate adjustments thereto in conformity with the accounting policies and accounting period, and offsetting the unrealized profit or loss from the inter-group transactions, not constituting the business, between the entity and its

associates and joint ventures according to the shareholding attributable to the group (full amount of loss shall be recognized if the inter-group transaction is impairment loss). The group recognizes net losses incurred by investee to the extent that the carrying value of long-term equity investments and other long-term interests substantially constituting net investments in investee are written down to zero, except where the group is obliged to bear additional losses.

The difference between the book value of long-term equity investment and actual acquisition cost shall be recognized in the gain or loss of investment when the long-term equity investment is disposed of.

For long-term investments accounted under equity method, other comprehensive income recorded shall be accounted on the same basis as the investee directly disposing of related assets or liability when equity method is not used any longer. The movements of shareholder's equity, other than the net profit or loss, other comprehensive income and profit distribution previously recorded in the shareholder's equity of the Company are recycled to investment income for the period on disposal.

If the remaining equity after the partially disposal is still accounted for under the equity method, the relevant other comprehensive income previously recognized under the equity method, is treated on the same basis as the direct disposal of the relevant assets or liabilities by the investee and is carried forward on a proportional basis, and the owner's equity, which is apart from net profit and loss, other comprehensive income and profit distribution of the investee, shall be recognized and proportionally transfers to current investment income.

Where the entity has no longer joint control or significant influence in the investee company as a result of partially disposal of the investment, the remaining investment will be accounted for in line with the Recognition and Measurement of Financial Instruments Standard -No 22 of Accounting Standards for Business Enterprises(No7 Caikui [2017]), and the difference between the fair value of remaining investment at the date of losing joint control or significant influence and its carrying amount shall be recognized in the profit or loss for the year.

Where the entity has no longer control over the investee company as a result of partially disposal of the investment, the remaining investment will be changed to be accounted for using equity method providing remaining joint control or significant influence over the investee company. The difference between carrying amount of disposed investment and consideration received actually shall be recognized as investment gain or loss for the period, and investment shall be adjusted accordingly as if it was accounted for under equity model since acquisition. Where the entity has on longer joint control or significant influence in the investee as a result of disposal, the investment shall be accounted for in accordance with the Recognition and Measurement of Financial Instruments Standard -No 22 of Accounting

Standards for Business Enterprises(No7 Caikuai [2017]), and difference between the carrying amount and disposal consideration shall be recognized as investment gain or loss for the period, and the difference between the fair value of remaining investment at the date of losing control and its carrying amount shall be recognized in the profit or loss for the year.

15. Investment property

Investment property is held to earn rentals or for capital appreciation or both and includes property, building and use right of land. They are measured at cost model.

Investment property is depreciated or amortized on straight line basis and its expected useful life, net residual value rate and annual depreciation rate is as follows:

Category	Useful life (years)	Estimated net residual value rate (%)	Annual depreciation rate
Use right of land	50	0	2
Property and Buildings	40	3/10	2.25-2.43

16. Fixed assets

Recognition criteria of fixed assets: defined as the tangible assets which are held for the purpose of producing goods, rendering services, leasing or for operation & management, and have more than one year of useful life.

Fixed assets shall be recognized when the economic benefit probably flows into the group and its cost can be measured reliably. Fixed assets include: building, machinery, transportation equipment, electronic equipment and others.

All fixed assets shall be depreciated unless the fixed assets had been fully depreciated and are still being used and land is separately measured. Straight-line depreciation method is adopted by the group. Estimated net residual value rate, useful life, depreciation rate as follows:

No	Category	Useful life (years)	Estimated net residual value rate (%)	Annual depreciation rate (%)
1	Property and Buildings	20-40	3、5、10	2.25-4.85
2	Machinery equipment	5-22	0.5-1、3、5、10	4.09-19.90
3	Transportation equipment	5-12	1、3、5、10	7-33.33
4	Electronic equipment & others	3-15	0-1、3、5、10	6-33.33

The group should review the estimated useful life, estimated net residual value and depreciation method at the end of each year. If any change has occurred, it shall be regarded as a change in the accounting estimates.

17. Construction in progress

The cost of construction in progress is determined according to the actual construction expenditure, including the necessary construction expenditure incurred during the construction period, the capitalized borrowing cost and other related expenses before the construction reaches the condition expected for use.

Constructions in progress are transferred to fixed assets based on the construction budget and actual costs on the date when completing and achieving estimated usable status, and the fixed assets should be depreciated in the next month. Adjustment will be made upon confirmation of their actual values after implementing the completion and settlement procedures.

The construction in progress shall be transferred to fixed assets when it reaches the expected usable state, and the criteria are as follows:

Items	Criteria of transferring to FA
Property and Buildings	Earlier of actual starting of use and completion of inspection
Machinery equipment	Earlier of actual starting of use and completion of installation / inspection

18. Intangible asset

The group's intangible assets include use right of land, patents, non-patented technologies and others. They are measured at actual cost at acquisition day. For acquired assets, the actual cost is measured at actual price paid and relevant other expenses. Invested intangible asset shall be measured at actual cost as contracted or agreed value, however fair value will be taken if the contracted or agreed value is not fair.

- (1) Useful life and the basis for recognition, estimation, amortization method or review procedure

Use right of land shall be amortized evenly within the amortization period since the remised date. Patents, technologies and other intangible assets are amortized over the shortest of their estimated useful life, contractual beneficial period and useful life specified in the law. Amortization charge is included in the cost of assets or expenses, as appropriate, for the period according to the usage of the assets. At the end of the year, for definite life of intangible assets, their estimated useful life and amortization method shall be assessed. Any change shall be treated as change on accounting estimate.

- (2) The scope and accounting of research and development

The group separates the expenditure on internal research and development projects into research phase expenditure and development phase expenditure. At research phase, expenditure are expenses directly relevant to research activity, including R&D employee's salary, materials, depreciation, technology cooperation cost and assessment testing fees. At development phase, expenses can be capitalized only when meeting the following conditions: (a)the technical feasibility of completing the intangible asset so that it will be available for

use or sale.

(b)its intention to complete the intangible asset and use or sell it.

(c)how the intangible asset will generate probable future economic benefits. Among other things, the entity can demonstrate the existence of a market for the output of the intangible asset or the intangible asset itself or, if it is to be used internally, the usefulness of the intangible asset.

(d)the availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset.

(e)its ability to measure reliably the expenditure attributable to the intangible asset during its development.

Any expenditure not qualifying for the above conditions shall be accounted into profit and loss account.

The projects expenditure will go to the development stage and start to be capitalized after meeting the above conditions, and passing the technical feasibility and economic feasibility studies, and being approved after evaluation.

19. Impairment of long-term assets

The group assesses whether there is any indication that long-term equity investment, investment property under cost model, fixed assets, construction in progress, right-of-use asset and intangible assets with definite useful life may be impaired. If there is any indication that an asset may be impaired, the asset will be tested for impairment. Goodwill and intangible asset with infinite useful life and development cost not reaching available for use status, are tested for impairment annually no matter there is any indication of impairment or not.

(1) Non-current asset impairment excluding financial asset (except goodwill)

When testing the impairment, the group recognized the recoverable amount of an asset, which the higher of its fair value less costs to sell and the present value of the future cash flows expected to be derived from the asset. After impairment test, any difference of carrying amount over its recoverable amount shall be recognized as impairment loss.

The group estimates recoverable amount based on an individual asset. If it is not possible to estimate the recoverable amount of an individual asset, the recoverable amount is determined on the basis of the asset groups or asset portfolio to which the asset belongs. Asset portfolio is determined based on whether the major cash inflow generated by the asset group is independent from the cash inflow of other assets or the asset portfolio.

Net amount which FV less disposal cost is reference to the agreed sale price or observable market price for similar asset within the arm length transaction. When estimating the present

value of future cash flows, management must estimate the expected future cash flows of the asset or group of assets and select an appropriate discount rate to determine the present value of future cash flows.

(2) Goodwill impairment

The group allocates the carrying value of the goodwill generated from the business combination to the relevant asset group or to the relevant asset group combination which is difficult to allocate to the relevant asset group, in a reasonable way from the date of purchase. When conducting impairment tests on goodwill contained within the related asset group or asset group combination, if there are signs of impairment in the asset group or asset group combination related to goodwill, the impairment test shall firstly be conducted on the asset group or asset group combination excluding goodwill, and the recoverable amount shall be calculated and compared with the relevant carrying value so to recognize the corresponding impairment loss; Then, an impairment test is conducted on the asset group or asset group combination containing goodwill to compare the carrying value with the recoverable amount. If the recoverable amount is lower than the carrying value, the impairment loss amount is first offset against the carrying value of goodwill allocated to the asset group or asset group combination, and then offset the carrying value of the asset group and asset group combination based on the proportion of the carrying value of other assets in the asset group or asset group combination without goodwill.

The methodology, parameters and assumptions of the goodwill impairment test are referred in Notes VI.19.

Once the impairment loss on the assets is recognized, it can not be reversed in a subsequent period.

20. Long-term prepaid expense

The group's long-term prepaid expense refers to landscape fees, renovation & decoration expenses and other expenses paid and should be allocated over 1 year. It will be amortized evenly within its beneficial period. The remaining unamortized expense should be charged into income statement if long-term prepaid expense can not bring the beneficial inflows. Landscape fees will be amortized for 10 years and renovation & decoration fees will be amortized for 5-10 years.

21. Employee benefits

Employee's benefit comprises short-term benefit, post-employment benefit, termination benefit and other long-term employee's benefit.

Short-term benefit includes salary, bonus, allowance, welfare, social insurance, housing funds, labor union expense, staff training expense, during the period in which the service rendered by the employees, the actually incurred short term employee benefits shall be recognized as

liability and shall be recognized in P&L or related cost of assets based on benefit objective allocated from the service rendered by employees.

Post-employment benefits include the basic pension scheme and unemployment insurance etc. Based on the risk and obligation borne by the Company, post-employment benefits are classified into defined contribution plan and defined benefit plan. For defined contribution plan, liability shall be recognized based on the contributed amount made by the Company to separate entity at the balance sheet date in exchange of employee service for the period and it shall be recorded into current profit and loss account or relevant cost of assets in accordance with beneficial objective.

Other long-term employee's benefit refers to all other employee benefits other than short-term benefit, post-employment benefit and termination benefit.

22. Provision

When the Company has transactions such as commitment to externals, discounting the trade acceptance note, unsettled litigation or arbitration which meets the following criterion, provision should be recognized: It is the Company's present obligation; carrying out the obligation will probably cause the Company's economic benefit outflow; the obligation can be reliably measured.

Provision is originally measured on the best estimate of outflow for paying off the present obligations. When determining the best estimate, need to consider the risk, uncertainty, time value of monetary relevant to contingent items. The group needs to review the present best estimate and accordingly adjust the carrying value of the provision account.

23. Revenue recognition and measurement

The group recognizes revenue when it has fulfilled its contractual performance obligations, i.e. when the customer has obtained control of the relevant goods or services. Control right of goods or services refers to the ability to direct the use of, and obtain substantially all of the remaining benefits from, the asset.

If the contract between the group and the customer meets the following five conditions at the same time, the group has fulfilled the performance obligation when the customer obtains the control of the relevant goods or services, and the revenue is recognized:

- 1) the parties to the contract have approved the contract and promised to fulfill their own obligations;
- 2) the contract specifies the rights and obligations of parties related to the transferred commodities;
- 3) the contract has explicit payment terms related to the transferred goods;
- 4) the contract has commercial substance, where the performance of the contract will change

the company's future cash flow risk, time distribution or amount;

5) the consideration to which the company is entitled as a result of the transfer of goods to the customer is likely to be recovered.

When the group transfers control of a good or service over time, it satisfies a performance obligation and recognizes revenue over time only if one of the following criteria is met, otherwise it shall be the performance obligation at a point in time.

- (1) the customer simultaneously receives and consumes the benefits provided by the entity's performance as the entity performs
- (2) the group's performance creates or enhances an asset (for example, work in progress) that the customer controls as the asset is created or enhanced
- (3) the group's performance does not create an asset with an alternative use to the entity and the entity has an enforceable right to payment for performance completed to date

(1) Revenue policy from sales

The group's revenue mainly includes income from sale of goods and installation of the whole set of refrigeration engineering project.

Based on the actual situation, the group recognizes the revenue as the followings;

1) Domestic sales: the sales contract with customers generally includes the performance of obligation of transferring goods. The group recognizes the revenue at the time when the arrival acceptance is completed by customers, having taken all followings into consideration: present debt collection right entitled to the sales of goods, the transfer of the main risks and rewards in the ownership of the goods, the transfer of the legal ownership entitled to the goods, the transfer of physical assets, the acceptance of goods by customers.

2) Export sales: the group will recognize the sales revenue after completing the customs declaration and export procedures.

Revenue from installation of the whole set of refrigeration engineering project. In the refrigeration installation contract between the group and the customer, since the equipment sales and installation services cannot be distinguished separately, the entire project contract is regarded as a single performance obligation, and the revenue of the single performance obligation is recognized at the completion of the customer acceptance. when a performance obligation over time is satisfied, revenue shall be recognized within the contract term according to the performance progress, which is determined by the percentage of the cumulative actual cost to expected total contract cost. When the performance progress can not be estimated reasonably, the group recognizes the revenue to the extent where the already incurred cost can be compensated until the performance progress can be decided.

(2) Determining and allocating the transaction price

If the contract includes two or more performance obligations, at the inception date of contract, the group shall allocate the transaction price to each performance obligation identified in the contract on a relative standalone selling price ratio basis and measure the revenue at the allocated transaction price to each performance. If any solid evidence indicates that contract discount is only relevant to one or some (not all) performance obligations, the discount shall be allocated into the one or these performance obligations.

An amount of consideration can vary because of cash discounts, price guarantee. The group determines the best estimate of the variable consideration in line with the expectation or the amount that most probably incurred, but includes, in the transaction price, the variable consideration not exceeding the amount that is highly unlikely to result in a material reversal of cumulative revenue recognized when the relevant uncertainty is eliminated.

The group accounts for consideration payable to a customer as a reduction of the transaction price and, therefore, of revenue unless the payment to the customer is in exchange for a distinct good or service. Accordingly, the revenue shall be recognized at the later of the revenue recognition and the consideration paid to a customer.

For sales with a right of return, the group recognizes the revenue for the consideration expected to have the right to receive arising from transferring the goods to customers when the customer receives the control right over the relevant goods, and recognizes the expected refund amount as provision. At the same time, receivable of return cost, as an asset, shall be recognized for the carrying value of the returned goods when it is expected to be transferred less expected cost for getting it back (including decline in value) and net amount of the above asset cost shall be carried over to the cost. At every balance sheet date, the group will reassess the future sales returns and remeasure the above assets and liabilities.

Where a significant financing component exists in the contract, the transaction price shall be measured at the assumed price that the payment is made by cash when the client receives the control right of goods or services. The difference between the promised consideration and the determined transaction price shall be amortized within the contract period using effective interest rate, and it is the discounting rate at which the dominated price of the contract consideration is discounted to the cash price.

According to the agreement or the regulation etc., the group provide warranty for the goods sold and it is the quality assurance for promising the goods are in commodity with the agreed standards and shall be accounted for as Note III、 22 provision.

24. Government grants

Government grant shall be recognized only when all attached conditions are met and the grant is possibly received. Where a government grant is in the form of a transfer of monetary asset, it is measured at the amount received. Where a government grant is made on the basis of

fixed amount or conclusive evidence indicates relevant conditions for financial support are met and expect to probably receive the fund, it is measured at the amount receivable. Where a government grant is in the form of a transfer of non-monetary asset, it is measured at fair value. If fair value cannot be determined reliably, it is measured at a nominal amount of RMB1 Yuan.

Assets-related government grant is the government fund obtained by the group for the purpose of long-term assets purchase and construction or establishment in the other forms. Income-related grants are the grant given by the government apart from the assets-related grants. If no grant objective indicated clearly in the government documents, the group shall judge it according to the principle mentioned above. If the grant is difficult to be separated, it shall be considered as income-related grant as a whole.

Assets-related government grants are recognized as deferred income, which shall be evenly amortized to profit or loss over the useful life of the related asset. Any assets are sold, transferred, disposed of or impaired earlier than their useful life expired date, the remaining balance of deferred income which hasn't been allocated shall be carried forward to the income statement when the assets are disposed of.

Income-related government grants that is a compensation for related expenses or losses to be incurred in subsequent periods are recognized as deferred income and credited to the relevant period when the related expenses are incurred. Government grants relating to compensation for related expenses or losses already incurred are charged directly to the profit or loss for the period. Government grants related to daily business, shall be recognized as other income in accordance with business nature or offsetting related expenses, otherwise, shall be recognized as non-operating income or expenses.

25. Deferred tax assets and deferred tax liabilities

The deferred income tax assets or the deferred income tax liabilities should be recognized according to the differences (temporary difference) between the carrying amount of the assets or liabilities and its tax base and the difference between the carrying amount of tax base item and its tax base.

Deferred tax liability shall be recognized for all taxable temporary difference apart from the followings : (1) temporary differences arise from the initial recognition of goodwill or the initial recognition of assets or liabilities arising from non-business combinations that do not affect accounting profits or taxable income (or deductible losses); (2) The group is able to control the timing of the reversal of taxable temporary differences related to investments in subsidiaries, associates, and joint ventures, and such temporary differences are likely not to be reversed in the foreseeable future.

The group recognizes deferred income tax assets for deductible temporary differences,

deductible losses, and tax deductions that are likely to be obtained to offset future taxable income, except for the following situations: (1) the initial recognition of assets or liabilities arising from non-business combination transactions where temporary differences do not affect accounting profits or taxable income (or deductible losses); (2) Deductible temporary differences related to investments in subsidiaries, associates, and joint ventures that cannot simultaneously meet the following conditions: temporary differences are likely to be reversed in the foreseeable future, and taxable income is likely to be obtained in the future to offset deductible temporary differences.

The group recognizes deferred income tax assets for all unused deductible losses to the extent that there is likely to be sufficient taxable income to offset the deductible losses. The management uses plenty of judgment to estimate the timing and amount of future taxable income, combined with tax planning strategies, to determine the amount of deferred income tax assets, which results in uncertainty.

On the balance sheet date, deferred income tax assets and deferred income tax liabilities are measured at the applicable tax rate during the expected period of asset recovery or liability settlement.

When the following conditions are met simultaneously, the group shall present the deferred income tax assets and deferred income tax liabilities at the net amount after offsetting: The group has the legal right to settle the current income tax assets and deferred income tax liabilities at the net amount; Deferred income tax assets and deferred income tax liabilities are related to the income tax levied by the same tax collection and management authority on the same taxpayer or on different taxpayers. However, in the future, within the term when each significant deferred income tax asset and deferred income tax liability to be reversed, the involved taxpayers intend to settle the current income tax assets and liabilities on a net basis or acquire assets and settle debts simultaneously.

26. Lease

(1) Lease identification

Lease: A contract, or part of a contract, that conveys the right to use an asset (the underlying asset) for a period of time in exchange for consideration.

At inception of a contract, the group shall assess whether the contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an or many identified assets for a period of time in exchange for consideration.

For a contract that is, or contains several leases, the group shall separate the contract and account each lease separately. The group shall account for each lease component separately from non-lease components of the contract if the contract contains lease and non-lease components. Each leasing part is accounted for according to the leasing standards, while the

non-leasing part is accounted for according to other applicable accounting standards. If the contract includes both leasing and non-leasing parts, the group, as the lessor, will split the leasing and non-leasing parts and conduct accounting treatment separately. Each leasing part will be accounted for according to the leasing standards, while the non-leasing part will be accounted for according to other applicable accounting standards. As the lessee, the group chooses not to separate the lease and non-lease, and joins each leased part and its non-leased parts separately into a lease, accounting treatment shall be carried out in accordance with leasing standards; However, if the contract includes embedded derivative instruments that should be split, the group will not merge them with the leasing portion for accounting treatment.

(2) As a lessee

1) Recognition

At the commencement date, the group as a lessee shall recognize a right-of-use asset and a lease obligation except short-term lease and low value asset lease.

Right-of-use assets represents a lessee's right to use an underlying asset for the lease term, and is initially measured at cost.

The cost of the right-of-use asset shall comprise:

- ① the amount of the initial measurement of the lease liability,
- ② any lease payments made at or before the commencement date, less any lease incentives received, which is the incremental cost for the lease
- ③ any initial direct costs incurred by the lessee which is the incremental cost
- ④ an estimate of costs to be incurred by the lessee in dismantling and removing the underlying asset, restoring the site on which it is located or restoring the underlying asset to the condition required by the terms and conditions of the lease, unless those costs are incurred to produce inventories. Where the group remeasures the lease liability in accordance with the relevant provisions of the leasing standard, the carrying value of right-of-use asset is adjusted accordingly.

The group shall follow the following principles when determining the depreciation life of the right-of-use asset: if the ownership of the leased asset can be reasonably determined at the end of the lease term, depreciation shall be calculated and deducted during the remaining service life of the leased asset; Where it is not certain that the ownership of the leased asset can be acquired at the end of the lease term, depreciation shall be calculated at the shorter of the lease term and the remaining service life of the leased asset. The depreciation amount shall be accounted into cost of assets or profit and loss account.

At the commencement date, a lessee shall measure the lease liability at the present value of

the lease payments that are not paid at that date.

The lease payments included in the measurement of the lease liability comprise the following payments for the right to use the underlying asset during the lease term that are not paid at the commencement date: ① fixed payments (including in-substance fixed payments) less any lease incentives receivable; ② variable lease payments that depend on an index or a rate, initially measured using the index or rate as at the commencement date; ③ the exercise price of a purchase option if the lessee is reasonably certain to exercise that option; ④ payments of penalties for terminating the lease, if the lessee will certainly exercise an option to terminate the lease during the lease term; ⑤ amounts expected to be payable by the lessee under residual value guarantees.

When calculating the present value of the lease payments, interest rate implicit in the lease shall be used. If the rate cannot be readily determined, the group shall use the lessee's incremental borrowing rate. Interest on the lease liability in each period during the lease term shall be calculated based on a constant periodic rate of interest, and be recognized as in profit or loss unless its capitalization.

After the lease commencement date, the group increases the carrying amount of lease liability when recognizing the interest on lease liability and; decreases the carrying amount of lease liability when making lease payment. The group remeasures the lease liability in accordance with the present value of revised lease payment, when the followings incur: ① change of in-substance fixed payments (subject to original discounting rate) ② change of amounts expected to be payable under residual value guarantees (subject to original discounting rate) ③ change of an index or a rate used for future lease payments (subject to revised discounting rate) ④ change in assessment of a buy option (subject to revised discounting rate) ⑤ change in assessment of a renew option or termination option or actual situation (subject to revised discounting rate).

2) Short-term lease and low value asset lease

The group has chosen not to recognize the right-of-use asset and lease liability for short-term lease (lease term less than 12 months) and low value asset (30,000 Yuan) when it is single leased new asset. In this case, lease payment will be accounted directly in profit or loss on the straight-line basis in profit or loss.

3) Sales and lease back

The group, as a seller and a lease within the sales and lease back transaction, assesses whether the transfer of the asset is a sale. If the transfer of assets is not a sale, the group shall continue to recognize the transferred assets and at the same time recognize a financial liability equal to the transfer income (Note VI. 34 lease). If the transfer of assets is a sale, the group shall measure the right-of-use asset arising from the leaseback at the proportion of the previous

carrying amount of the asset that relates to the right of use retained by the group. Accordingly, the group shall recognize only the amount of any gain or loss that relates to the rights transferred to the buyer-lessor.

(3) As a lessor

The group, as a lessor, classified it as a finance lease if it transfers substantially all the risks and rewards incidental to ownership of an underlying asset unless an operating lease.

1) Financing lease

At the commencement date, the group shall recognize the lease payment receivable and derecognize of finance lease asset. When initially measuring the lease payment receivable, net lease investment value shall be used for the lease payment receivable.

Net lease investment value equals to the any residual value guarantees plus the PV of undue lease receivable discounted at the interest rate implicit in the lease. The group shall recognize interest income over the lease term based on a constant periodic rate. The variable lease payment obtained by the group related to operating leases, which are not included in the net lease investment, shall be accounted for in the current profit and loss when actually incurred

2) Operating lease

Lease payment received shall be recognized as lease income on a straight-line basis within the period.

The initial direct expenses incurred by the group in relation to operating leases are capitalized to the cost of leasing the underlying asset and are recognized in profit or loss by instalments over the lease period on the same basis as rental income. Variable lease payments made by the group in relation to operating leases that are not included in lease collections are recognized in profit or loss for the period when they are actually incurred.

The group shall account for a modification to an operating lease as a new lease from the effective date of the modification, considering any received in advance or lease payments receivable relating to the original lease as part of the lease payments receivable for the new lease

27. Fair value measurement

The group measures investment property, derivative financial instruments and equity instruments at fair value at each balance sheet date. Fair value refers to the price that market participants can receive by selling an asset or can pay for transferring a liability in an orderly transaction that takes place on the measurement date.

Assets and liabilities measured or disclosed at fair value in the financial statements are determined to belong to the different fair value level based on the lowest level of input values that are significant to the fair value measurement as a whole: level 1 input is the unadjusted

quoted price for identical asset or liability available at the active market on the measurement date; level 2 input is the directly or indirectly observable input for relevant asset or liability apart from level 1 input; level 3 input is the unobservable input for relevant asset or liability.

(For levels 1 and 2) For financial instruments traded in an active market, the group determines their fair value by their active market quotes; For financial instruments that are not traded in an active market, the group uses valuation techniques to determine their fair value, and the valuation model used is mainly the discounted cash flow model. The input of valuation techniques mainly includes: risk-free interest rate of debt, credit premium and liquidity premium; estimator coefficient. and liquidity discount of equity.

(For level 3) The fair value of level 3 is determined on the basis of the group's valuation models, such as the discounted cash flow model. The group also considers the initial transaction price, recent transactions of the same or similar financial instruments, or full third-party transactions of comparable financial instruments. As at 31 December 2023, level 3 financial assets measured at fair value are valued by using significant unobserved inputs such as discount rates, but their fair value is not materially sensitive to reasonable changes in these significant unobserved inputs.

The group uses the market approach to determine the fair value of unlisted equity investments. This requires the group to determine comparable listed companies, select market coefficient, estimate liquidity discounts, etc., and is therefore subject to uncertainty.

IV. Changes in Accounting Policies, Accounting Estimates

(1) Change in significant accounting policies

Changes on accounting policy and reasons	Memo
<p>Since January 1, 2023, the Company has implemented the provisions of the Interpretation of Accounting Standards for Business Enterprises No. 16 promulgated by the Ministry of Finance, "Accounting treatment of deferred income tax related to assets and liabilities arising from single transactions is not applicable to the initial recognition exemption". Individual transactions to which the provision applies that occur between the beginning of the earliest period of presentation of the financial statements in which the provision is first applied and the date of the first implementation are adjusted according to the provision. Taxable temporary differences and deductible temporary differences arise in respect of lease liabilities and use rights assets recognized at the beginning of the earliest period of presentation of the financial statements for which the provision is first applied, as well as in respect of anticipated liabilities related to the disposal obligation recognized and corresponding related assets, In accordance with this provision and the provisions of Accounting Standard for Business Enterprises No. 18 - Income Tax, the cumulative impact is adjusted to the opening retained earnings and other related financial statement items for the earliest period in which the financial statements are presented.</p>	

(2) Affected items and amount

Affected items	January 1, 2023 (Jan-Dec, 2022)		
	Before adjustment	Adjusted amount	After adjustment
deferred tax liability	52,306,365.68	78,166.60	52,384,532.28
surplus reserve	825,226,634.15	-4,594.76	825,222,039.39
unappropriated profit	618,445,922.58	-65,810.05	618,380,112.53
minority interest	54,077,970.99	-7,761.79	54,070,209.20
income tax	1,054,609.62	-477,793.34	576,816.28
profit or loss of minority interest	1,633,633.87	1,154.31	1,634,788.18

(3) Changes in significant accounting estimates

No.

V. Taxation

1. The main applicable tax and rate to the Company as follows:

Tax	Tax base	Tax rate
Value-added tax (VAT)	Sales revenue or Purchase	5%、6%、9%、13%、
City construction tax	Value-added tax payables	5%、7%
Education surcharge	Value-added tax payables	3%
Local education surcharge	Value-added tax payables	2%
Enterprise income tax (EIT)	Current period taxable profit	15% or 25%
Real estate tax	70% of cost of own property or revenue from leasing property	1.2% or 12%
Land use tax	Land using right area	Fixed amount per square meter
Other tax		According to the relevant provisions of the state and local

Notes for tax entities with different EIT rate

Tax entities	EIT rate
Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd	15%
Dalian Bingshan Group Engineering Co., Ltd.	25%
Dalian Bingshan Group Sales Co., Ltd.	25%
Dalian Bingshan Air-conditioning Equipment Co., Ltd.	15%
Dalian Bingshan Guardian Automation Co., Ltd.	15%
Dalian Bingshan-RYOSETSU Quick Freezing Equipment Co., Ltd.	25%
Wuhan New World Refrigeration Industrial Co., Ltd.	15%
Dalian Bingshan Engineering & Trading Co., Ltd	25%
Dalian Universe Thermal Technology Co., Ltd.	15%
Chengdu Bingshan Refrigeration Engineering Co., Ltd.	25%
Wuhan New World Air-conditioning Refrigeration Engineering Co., Ltd	25%
Wuhan Lanning Energy Technology Co., Ltd	25%
Sonyo Compressor (Dalian)Co., Ltd.	15%
Sonyo Refrigeration System (Dalian) Co., Ltd.	15%
Sonyo Refrigeration (Dalian) Co., Ltd.	15%

2. Tax preference

(1) The Company obtained the qualification of high and new technology enterprises in December, 2023. The Certificate No. is GR202321201041. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2023 to FY2025.

The Company's subsidiary, Dalian Bingshan Air-conditioning Equipment Co., Ltd. obtained the qualification of high and new technology enterprises in December, 2023. The Certificate No. is GR202321201161. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2023 to FY2025.

The Company's subsidiary, Dalian Bingshan Guardian Automation Co., Ltd. obtained the qualification of high and new technology enterprises on 15th December, 2021. The Certificate No. is GR202121200765. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2021 to FY2023.

The Company's subsidiary, Wuhan New World Refrigeration Industrial Co., Ltd. obtained the qualification of high and new technology enterprises on 15th November, 2021. The Certificate No. is GR202142001696. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2021 to FY2023.

The Company's subsidiary, Dalian Universe Thermal Technology Co., Ltd. obtained the qualification of high and new technology enterprises in December, 2023. The Certificate No. is GR202321200114. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2023 to FY2025.

The Company's subsidiary, Sonyo Compressor (Dalian)Co., Ltd. (hereinafter referred to as "Sonyo Compressor") obtained the qualification of high and new technology enterprises in October, 2021. The Certificate No. is GR202321201152. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2021 to FY2023.

The Company's subsidiary, Sonyo Refrigeration System (Dalian) Co., Ltd. (hereinafter referred to as "Sonyo Refrigeration System") obtained the qualification of high and new technology enterprises in December, 2023. The Certificate No. is GR202321201152. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2023 to FY2025.

The Company's subsidiary, Sonyo Refrigeration (Dalian) Co., Ltd. (hereinafter referred to as "Sonyo Refrigeration") obtained the qualification of high and new technology enterprises in October, 2021. The Certificate No. is GR202121200368. According to the tax bureau approval, the Company can be granted for the preferential tax policy of enterprise income tax rate of 15% from FY2021 to FY2023.

(2) According to the Announcement of the Ministry of Finance and Tax Administration on the accelerate VAT Deduction for advanced manufacturing enterprise (Announcement No. 43, 2023), within the period from January 1st, 2023 to December 31st,2027, the advance enterprises are allowed for input VAT deduction at 5% acceleration rate during the current period. The Company and its subsidiaries, Dalian Bingshan Air-conditioning Equipment, Dalian Bingshan Guardian Automation, Wuhan New World Refrigeration, Dalian Universe Thermal, Sonyo Compressor, Sonyo Refrigeration and Sonyo Refrigeration System enjoy the tax preference.

VI. Notes to Consolidated Financial Statements

The following disclosure date on this financial statement without special indication, “opening” refers to January 1, 2023; “closing” refers to December 31, 2023; “current period” refers to the period from January 1, 2023 to December 31, 2023; and “last period” refers to the period from January 1, 2022 to December 31, 2022; with the currency unit RMB.

1. Monetary fund

Item	Closing Balance	Opening Balance
Cash on hand	70,750.93	80,702.47
Cash in bank	863,950,616.72	922,122,608.84
Other cash and cash equivalents	87,018,202.46	83,962,587.87
Total	951,039,570.11	1,006,165,899.18
Including: sum of deposits overseas	-	-

Note: within the bank deposits, \$170,321,702.76 was time deposits and interest income; Other monetary funds are bank acceptance deposit 44,200,486.65 Yuan, guarantee deposit 41,547,977.10 Yuan and migrant worker deposit 1,229,741.67 Yuan.

2. Notes receivable

(1) Category of notes receivable

Items	Closing Balance	Opening Balance
Bank acceptance notes	335,914,443.51	493,019,785.95
Trade acceptance notes	17,514,478.91	12,925,475.23
Total	353,428,922.42	505,945,261.18

(2) Categories according to bad debts provision method

Items	Closing Balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debts provision based on group	354,313,722.61	100.00	884,800.19	0.25	353,428,922.42
Including: bank acceptance notes	335,914,443.51	94.81	-	-	335,914,443.51
Trade acceptance notes	18,399,279.10	5.19	884,800.19	4.81	17,514,478.91
Total	354,313,722.61	100.00	884,800.19	0.25	353,428,922.42

(Continued)

Items	Opening balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debts provision based on group	506,921,135.95	100.00	975,874.77	0.19	505,945,261.18
Including: bank acceptance notes	493,019,785.95	97.26	-	-	493,019,785.95
Trade acceptance notes	13,901,350.00	2.74	975,874.77	7.02	12,925,475.23
Total	506,921,135.95	100.00	975,874.77	0.19	505,945,261.18

Categories based on group

Items	Closing Balance		
	Booking balance	Provision	Provision (%)
Bank acceptance notes	335,914,443.51	-	-
Trade acceptance notes	18,399,279.10	884,800.19	4.81
Total	354,313,722.61	884,800.19	—

(3) Bad debt provision of notes receivable accrued, collected and reversed

Category	Opening balance	Change during the year			Closing Balance
		Accrued	Collected/ reversed	Written-off	
Bad debt provision	975,874.77		91,074.58	-	884,800.19
Total	975,874.77		91,074.58	-	884,800.19

(4) Pledged notes receivable up to the end of year.

Items	Closing pledged amount
Bank acceptance notes	4,939,655.20
Total	4,939,655.20

(5) Notes receivable endorsed or discounted but not mature at the end of year

Item	Closing amount no more recognized	Closing amount still recognized
Bank acceptance notes	-	151,261,975.36
Trade acceptance notes	-	320,700.00
Total	-	151,582,675.36

(6) Notes receivable written off: none

3. Accounts receivable

(1) Aging of accounts receivable

Account Age	Closing Balance	Opening Balance
Within 1 year (incl 1 year)	1,075,007,175.23	1,051,342,084.70
1-2 years	406,082,608.66	271,031,036.91
2-3 years	207,201,791.50	187,045,709.96
Over 3 years	453,345,639.16	392,478,408.13
Of which: 3-4years	140,135,046.24	69,585,549.01
4-5years	48,619,109.18	138,624,250.54
Over 5 years	264,591,483.74	184,268,608.58
Total	2,141,637,214.55	1,901,897,239.70

(2) Category of accounts receivable based on bad debt provision method

Items	Closing Balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debt provision on individual basis	14,372,020.85	0.67	11,564,470.39	80.47	2,807,550.46
Bad debt provision on group	2,127,265,193.70	99.33	553,638,820.00	26.03	1,573,626,373.70
Including: aging as characteristics of credit risk	2,127,265,193.70	99.33	553,638,820.00	26.03	1,573,626,373.70
Total	2,141,637,214.55	100.00	565,203,290.39	26.39	1,576,433,924.16

(Continued)

Items	Opening balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debt provision on individual basis	13,181,314.30	0.69	10,348,880.50	78.51	2,832,433.80
Bad debt provision on group	1,888,715,925.40	99.31	481,569,916.25	25.50	1,407,146,009.15
Including: aging as characteristics of credit risk	1,888,715,925.40	99.31	481,569,916.25	25.50	1,407,146,009.15
Total	1,901,897,239.70	100.00	491,918,796.75	25.86	1,409,978,442.95

1) Bad debt provisions on individual basis

Name	Opening balance		Closing Balance			Reason
	Accounts receivable	Provision for bad debts	Accounts receivable	Provision for bad debts	Proportion (%)	
Company 1	6,032,000.00	4,780,096.20	6,496,000.00	5,244,096.20	80.73	Full recovery is not expected
Other company 1	7,149,314.30	5,568,784.30	7,876,020.85	6,320,374.19	80.25	Recovery is not expected
Total	13,181,314.30	10,348,880.50	14,372,020.85	11,564,470.39	—	

2) Bad debt provisions on group basis

Aging	Closing Balance		
	Accounts receivable	Provision for bad debts	Drawing proportion (%)
Within 1 year	1,075,007,175.23	61,229,181.77	5.70
1 to 2 years	403,753,793.79	67,078,438.64	16.61
2 to 3 years	201,613,496.72	61,315,691.42	30.41
3 to 4 years	139,220,135.04	68,416,921.28	49.14
4 to 5 years	43,079,109.18	31,007,103.15	71.98
Over 5 years	264,591,483.74	264,591,483.74	100.00
Total	2,127,265,193.70	553,638,820.00	—

(4) Bad debt provision of current period

Category	Opening balance	Change during the year				Closing Balance
		Accrued	Collected/reversed	Written-off	Others	
Bad debt provision	491,918,796.75	68,147,779.35	-	6,532,243.60	11,668,957.89	565,203,290.39
Total	491,918,796.75	68,147,779.35	-	6,532,243.60	11,668,957.89	565,203,290.39

Note: others are from consolidation of Sonyo Refrigeration (Dalian) Co., Ltd.

(4) Accounts receivable written off in current period

Item	Written off amount
Receivable actually written off	6,532,243.60

(5) Top 5 receivables and contract assets

The sum of top 5 of receivables and contract assets is 240,544,632.79Yuan, represents 9.92% of closing balance of receivables and contract assets and bad debt provision of 49,664,315.90Yuan shall be made.

4. Contract asset

(1) contract asset

Items	Closing Balance		
	Booking balance	Provision	Carrying amount
Undue warranty	265,440,261.85	37,369,046.20	228,071,215.65
Unsettled receivable of revenue recognized over time	18,840,435.97	9,834,772.91	9,005,663.06
Total	284,280,697.82	47,203,819.11	237,076,878.71

(continued)

Items	Opening balance		
	Booking balance	Provision	Carrying amount
Undue warranty	210,149,278.14	31,927,565.84	178,221,712.30
Unsettled receivable of revenue recognized over time	61,997,091.19	14,427,927.71	47,569,163.48
Total	272,146,369.33	46,355,493.55	225,790,875.78

(2) Significant change of the account

Items	Amount	Reason
Undue warranty	49,849,503.35	Change of consolidation scope
Unsettled receivable of revenue recognized over time	-38,563,500.42	Settled during the year
Total	11,286,002.93	—

(3) Category of contract asset based on bad debt provision method

Items	Closing Balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debt provision on individual basis	1,709,948.80	0.60	1,709,948.80	100.00	-
Bad debt provision on group	282,570,749.02	99.40	45,493,870.31	16.10	237,076,878.71
Including: aging as characteristics of credit risk	282,570,749.02	99.40	45,493,870.31	16.10	237,076,878.71
Total	284,280,697.82	100.00	47,203,819.11	16.60	237,076,878.71

(continued)

Items	Opening Balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debt provision on individual basis	2,722,948.80	1.00	2,722,948.80	100.00	-
Bad debt provision on group	269,423,420.53	99.00	43,632,544.75	16.19	225,790,875.78
Including: aging as characteristics of credit risk	269,423,420.53	99.00	43,632,544.75	16.19	225,790,875.78
Total	272,146,369.33	100.00	46,355,493.55	17.03	225,790,875.78

1) Bad debt provisions on individual basis

Name	Opening balance		Closing Balance			Reason
	Accounts receivable	Provision for bad debts	Accounts receivable	Provision for bad debts	Proportion (%)	
Other companies ²	2,722,948.80	2,722,948.80	1,709,948.80	1,709,948.80	100.00	Recovery is not expected
Total	2,722,948.80	2,722,948.80	1,709,948.80	1,709,948.80	—	—

2) Bad debt provisions on group basis

Aging	Closing Balance		
	Accounts receivable	Provision for bad debts	Drawing proportion (%)
Within 1 year	153,250,756.63	9,890,583.27	6.45
1 to 2 years	71,084,892.44	10,935,114.90	15.38
2 to 3 years	21,276,574.60	5,611,742.31	26.38
3 to 4 years	27,683,262.15	11,105,880.37	40.12
4 to 5 years	4,508,264.70	3,183,550.96	70.62
Over 5 years	4,766,998.50	4,766,998.50	100.00
Total	282,570,749.02	45,493,870.31	—

(3) Bad debt provision of current period

Category	Accrued	Collected/reversed	Written-off	Others	Reason
Undue warranty	-	3,755,144.26	-	-	-
Unsettled receivable of revenue recognized over time	-	1,012,572.23	-	-	-
Total	-	4,767,716.49	-	-	-

5. Finance receivable

(1) Category of finance receivable

Items	Closing Balance	Opening Balance
Bank acceptance notes	303,585,218.53	58,792,792.70
Total	303,585,218.53	58,792,792.70

(2) Category of accounts receivable based on bad debt provision method

Items	Closing Balance				Booking value
	Booking balance		Provision		
	Amount	%	Amount	%	
Bad debt provision on group	303,585,218.53	100.00	-	-	303,585,218.53
Including: bank acceptance notes	303,585,218.53	100.00	-	-	303,585,218.53
Total	303,585,218.53	100.00	-	-	303,585,218.53

(Continued)

Items	Opening balance				Booking value
	Booking balance		Provision		
	Amount	%	Amount	%	
Bad debt provision on group	58,792,792.70	100.00	-	-	58,792,792.70
Including: aging as characteristics of credit risk	58,792,792.70	100.00	-	-	58,792,792.70
Total	58,792,792.70	100.00	-	-	58,792,792.70

(3) Pledged notes receivable up to the end of year.

Items	Closing pledged amount
Bank acceptance notes	99,078,000.87
Total	99,078,000.87

6. Other receivables

Items	Closing Balance	Opening Balance
Interest receivable	-	-
Dividend receivable	14,495.00	14,495.00
Other receivables	41,381,728.27	51,379,979.24
Total	41,396,223.27	51,394,474.24

6.1. Dividends receivable

(1) Classification

Company	Closing Balance	Opening Balance
Wuhan Steel and Electricity Co., Ltd.	14,495.00	14,495.00
Total	14,495.00	14,495.00

6.2. Other receivables

(1) The categories of other receivable according to nature

Items	Closing Balance	Opening Balance
Receivables and payables	33,092,423.14	38,051,147.58
Security deposit	30,103,093.46	37,147,665.19
Petty cash	3,669,152.52	5,099,052.90
Others	11,397,105.01	6,088,641.82
Total	78,261,774.13	86,386,507.49

(2) Aging of other receivable

Account Age	Closing Balance	Opening Balance
Within 1 year (incl 1 year)	23,517,039.35	27,654,438.76
1-2 years	8,134,653.15	17,231,991.92
2-3 years	9,354,562.84	26,252,562.64
Over 3 years	37,255,518.79	15,247,514.17
Of which: 3-4years	24,151,505.82	7,027,188.39
4-5years	6,300,480.70	2,501,537.52
Over 5 years	6,803,532.27	5,718,788.26
Total	78,261,774.13	86,386,507.49

(3) The bad debt provision of other receivables

Bad debt provision	1st stage	2nd stage	3rd stage	Total
	Expected credit loss within 12 months	Expected credit loss within the whole period (no impairment)	Expected credit loss within the whole period (impairment incurred)	
Opening balance	2,334,895.21	-	32,671,633.04	35,006,528.25
Opening balance during the year	—	—	—	—
--transfer to the 2 nd stage	-	-	-	-
--transfer to the 3 rd stage	-140,708.84	-	140,708.84	-
--reverse to the 2 nd stage	-	-	-	-
----reverse to	-	-	-	-

Bad debt provision	1 st stage	2 nd stage	3 rd stage	Total
	Expected credit loss within 12 months	Expected credit loss within the whole period (no impairment)	Expected credit loss within the whole period (impairment incurred)	
the 1 st stage				
Accrued	161,905.22	-	1,724,045.76	1,885,950.98
Reverse	-	-	-	-
Cancelation	-	-	-	-
Written off	35,686.55	-	-	35,686.55
Other movement	23,253.18	-	-	23,253.18
Closing balance	2,343,658.22	-	34,536,387.64	36,880,045.86

Note: When one or more of the following situations occur, it is a "significant increase in credit risk since the initial recognition" and is classified as the second stage: the account is older than 1 year and the payment is overdue for more than 30 days but not more than 90 days; The defaulting party has a negative event affecting its solvency; A significant adverse change in the value of the collateral or in the quality of the security or credit enhancement provided by a third party.

When one or more of the following occurs, it is considered as a "credit impairment has occurred" and is classified as the third stage: the payment is overdue for more than 90 days; The defaulting party experiences significant financial difficulties or is likely to go bankrupt or other financial restructuring; Other situations that violate contractual agreements and indicate that there is objective evidence of impairment of financial assets.

(4) Provision for bad debt

Category	Opening balance	Change during the year				Closing Balance
		Accrued	Collected/ reversed	Written-off	Others	
Bad debt provision	35,006,528.25	1,885,950.98	-	35,686.55	23,253.18	36,880,045.86
Total	35,006,528.25	1,885,950.98	-	35,686.55	23,253.18	36,880,045.86

(5) Other receivables written off in current period: none.

Item	Amount to be written off
Other receivables written off actually	35,686.55

(6) Other receivables from the top 5 debtors based on closing balance

Name	Category	Closing Balance	Aging	% of the total OR	Closing Balance of Provision
Top 1	Tax refund	7,718,652.20	Within 1 year	9.86	282,502.67
Top 2	Deposit	2,548,847.50	3-5years	3.26	1,657,427.69
Top 3	AR/AP	2,476,894.20	2-3 years	3.16	756,691.18
Top 4	Other deposit	1,150,000.00	4-5years Over 5 years	1.47	90,260.00
Top 5	Bid deposit	1,000,000.00	1-2years	1.28	36,600.00
Total	—	14,894,393.90	—	19.03	2,823,481.54

7. Prepayments

(1) Aging of prepayments

Items	Closing Balance		Opening Balance	
	Amount	Percentage (%)	Amount	Percentage (%)
Within 1 year	133,068,644.50	86.75	143,894,431.33	83.66
1 to 2 years	12,010,696.67	7.83	18,707,868.78	10.88
2 to 3 years	2,578,747.06	1.68	4,457,439.74	2.59
Over 3 years	5,730,572.25	3.74	4,931,728.27	2.87
Total	153,388,660.48	100.00	171,991,468.12	100.00

(2) Prepayments from the top 5 debtors based on closing balance

The sum of top 5 of prepayment is 65,324,752.92 Yuan, represents 42.60% of closing balance of prepayment.

8. Inventories

(1) Categories of inventories

Item	Closing Balance		
	Book value	Provision for decline	Net book value
Cost to fulfill the contract	657,703,661.17	15,425,401.03	642,278,260.14
Finished goods	524,399,789.91	47,832,216.91	476,567,573.00
Raw materials	282,868,685.78	31,011,520.30	251,857,165.48
Working in progress	211,744,888.60	10,130,805.54	201,614,083.06
Self-manufactured semi-finished products	35,347,357.53	-	35,347,357.53
Materials on consignment for further processing	21,317,653.86	60,394.18	21,257,259.68
Goods on transit	8,313,813.04	821,759.89	7,492,053.15
Properties written off debtors	2,708,646.00	1,149,186.00	1,559,460.00
Low-value consumable	166,267.10	-	166,267.10
Total	1,744,570,762.99	106,431,283.85	1,638,139,479.14

(Continued)

Item	Opening Balance		
	Book value	Provision for decline	Net book value
Cost to fulfill the contract	518,190,428.65	24,029,331.96	494,161,096.69
Finished goods	358,865,793.97	20,733,013.07	338,132,780.90
Raw materials	257,330,026.33	17,594,044.66	239,735,981.67
Working in progress	219,325,436.31	7,091,948.88	212,233,487.43
Goods on transit	64,331,292.17	463,920.35	63,867,371.82
Self-manufactured semi-finished products	30,898,915.81	-	30,898,915.81
Materials on consignment for further processing	15,134,850.12	540,289.54	14,594,560.58
Properties written off debtors	2,708,646.00	1,149,186.00	1,559,460.00
Low-value consumable	161,125.34	-	161,125.34
Total	1,466,946,514.70	71,601,734.46	1,395,344,780.24

(2) Provision for decline in the value of inventories

Item	Opening Balance	Increase		Decrease		Closing Balance
		Accrual	Others transferred	Reverse/ Written- off	Others transferred	
Raw materials	17,594,044.66	-2,603,790.07	22,790,431.86	6,769,166.15	-	31,011,520.30
WIP	7,091,948.88	3,038,856.66	-	-	-	10,130,805.54
Finished goods	20,733,013.07	16,562,416.248	20,518,964.39	9,982,176.79	-	47,832,216.91
Cost to fulfill the contract	24,029,331.96	841,412.60	11,574,524.36	21,019,867.89	-	15,425,401.03
Materials on consignment for further processing	540,289.54	-479,895.36	-	-	-	60,394.18
Goods on transit	463,920.35	287,037.52	70,802.02	-	-	821,759.89
Properties written off debtors	1,149,186.00	-	-	-	-	1,149,186.00
Total	71,601,734.46	17,646,037.59	54,954,722.63	37,771,210.83	-	106,431,283.85

Accrual for provision for decline in the value of inventories

Item	Basis for net realizable value recognition	Reasons for reverse/write-off
Raw materials	The amount deducting the expected cost to product completion, selling expense and relative tax from the estimated selling price.	Sold
WIP		Sold
Finished goods		Sold
Cost to fulfill the contract		Sold

9. Non-current asset due within one year

Item	Closing Balance	Opening Balance
Long term receivable due within 1 year	-	15,715,631.52
Total	-	15,715,631.52

10. Other current assets

Item	Closing Balance	Opening Balance
------	-----------------	-----------------

Input VAT to be deducted	18,112,002.39	12,825,675.49
Contract acquisition cost	4,532,291.00	-
Prepaid income tax presented at net amount after offsetting	3,216,096.82	9,010,312.91
Prepaid VAT	198,895.83	11,646,669.59
Prepaid expenses	15,056.29	16,919.61
Total	26,074,342.33	33,499,577.60

11. Long term receivable

(1) Details

Item	Closing Balance			Discounted rate
	Carrying amount	Provision	Book value	
Lease premium	-	-	-	-
---Unrealized financing income	-	-	-	-
Goods sold by installments	-	-	-	-
Total	-	-	-	-

(Continued)

Item	Opening Balance			Discounted rate
	Carrying amount	Provision	Book value	
Lease premium	-	-	-	-
---Unrealized financing income	-	-	-	-
Goods sold by installments	5,591,380.90	428,922.00	5,162,458.90	4.75%
Total	5,591,380.90	428,922.00	5,162,458.90	—

(2) Category of long-term receivable based on bad debt provision method

Items	Closing Balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debt provision on group	-	-	-	-	-
Including: bank acceptance notes	-	-	-	-	-
Total	-	-	-	-	-

(Continued)

Items	Opening balance				
	Booking balance		Provision		Booking value
	Amount	%	Amount	%	
Bad debt provision on group	5,591,380.90	100.00	428,922.00	7.67	5,162,458.90
Including: aging as characteristics of credit risk	5,591,380.90	100.00	428,922.00	7.67	5,162,458.90
Total	5,591,380.90	100.00	428,922.00	7.67	5,162,458.90

1) The bad debt provision under expected credit loss model

Bad debt provision	1 st stage	2 nd stage	3 rd stage	Total
	Expected credit loss within 12 months	Expected credit loss within the whole period (no impairment)	Expected credit loss within the whole period (impairment incurred)	
Opening balance	428,922.00	-	-	428,922.00
Opening balance during the year	—	—	—	—
--transfer to the 2 nd stage	-	-	-	-
--transfer to the 3 rd stage	-	-	-	-
--reverse to the 2 nd stage	-	-	-	-
----reverse to the 1 st stage	-	-	-	-
Accrued	-	-	-	-
Reverse	210,600.00	-	-	210,600.00
Cancelation	-	-	-	-
Written off	-	-	-	-
Other movement	-218,322.00	-	-	-218,322.00
Closing balance	-	-	-	-

(3) Bad debt provision of long-term receivable for the year

Category	Opening balance	Change during the year				Closing Balance
		Accrued	Collected/reversed	Written-off	Others	
Bad debt provision	428,922.00	-	210,600.00	-	-218,322.00	-
Total	428,922.00	-	210,600.00	-	-218,322.00	-

BINGSHAN REFRIGERATION & HEAT TRANSFER TECHNOLOGIES CO., LTD

Notes to financial statements

January 1, 2023 to December 31, 2023

(The currency is in RMB Yuan except otherwise indicated)

(English translation for reference only)

12.Long-term equity investments

Investee	Beginning balance	Increase/Decrease								Ending balance	Provision for impairment
		Increased	Decreased	Gains and losses recognized under the equity method	Adjustment of other comprehensive income	Change of other equity	Cash bonus or profits announced to issue	Provision for impairment of the current period	Others		
Associates	—	—	—	—	—	—	—	—	—	—	—
Dalian Honjo Chemical Co., Ltd	9,819,096.80	-	-	-594,472.68	-	-	-1,050,000.00	-	1,717,629.40	9,892,253.52	-
Keihin-Grand Ocean Thermal Technology (Dalian)Co.,Ltd.	60,089,313.51	-	-	-509,338.51	-	-	-2,000,000.00	-	-	57,579,975.00	-
Dalian Fuji Bingshan Vending Machine Co., Ltd.	111,101,339.93	-	-	-43,490,921.84	-	-	-	-	-	67,610,418.09	-
MHI Bingshan Refrigeration (Dalian) Co.,Ltd.	15,401,109.10	-	-	1,142,546.44	-	-	-	-	-	16,543,655.54	-
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd	-	-	-	-	-	-	-	-	-	-	-
Jiangsu Jingxue Insulation Technology Co.,Ltd (N4)	140,124,248.76	-	-	5,840,827.15	-	-	-1,610,172.00	-	-	144,354,903.91	-
Dalian Bingshan Metal Technology Co.,Ltd.	175,313,807.46	-	-	31,071,464.97	-	-	-33,134,422.30	-	-	173,250,850.13	-

BINGSHAN REFRIGERATION & HEAT TRANSFER TECHNOLOGIES CO., LTD

Notes to financial statements

January 1, 2023 to December 31, 2023

(The currency is in RMB Yuan except otherwise indicated)

(English translation for reference only)

Investee	Beginning balance	Increase/Decrease								Ending balance	Provision for impairment
		Increased	Decreased	Gains and losses recognized under the equity method	Adjustment of other comprehensive income	Change of other equity	Cash bonus or profits announced to issue	Provision for impairment of the current period	Others		
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	45,603,876.95	-	-	1,197,707.15	-	-	-751,127.55	-	-	46,050,456.55	-
Wuhan Sikafu Power Control Equipment Co., Ltd	5,534,979.43	-	-	457,455.33	-	-	-	-	-	5,992,434.76	-
Total	56,298,771.94	-	-	4,884,731.99	-	-	-38,545,721.85	-	1,717,629.40	521,274,947.50	-

13. Other non-current financial assets

Item	Closing Balance	Opening Balance
Financial assets classified as FVTPL	164,024,771.63	149,950,861.31
Including: equity instruments	164,024,771.63	149,950,861.31
Total	164,024,771.63	149,950,861.31

14. Investment property

(1) Investment property measured as cost model

Item	Property & building	Land-use-rights	Total
I. Initial cost	—	—	—
1. opening balance	230,594,490.07	26,094,438.38	256,688,928.45
2. addition	15,579,127.78	-	15,579,127.78
(1) FA\transferred from CIP	15,579,127.78	-	15,579,127.78
3. decrease	-	-	-
4. closing balance	246,173,617.85	26,094,438.38	272,268,056.23
II. Accumulated depreciation	—	—	—
1. opening balance	128,527,417.44	12,828,592.81	141,356,010.25
2. addition	6,800,475.72	521,888.76	7,322,364.48
(1) accrued/amortization	5,300,697.15	521,888.76	5,822,585.91
(2) FA\transferred from CIP	1,499,778.57	-	1,499,778.57
3. decrease	-	-	-
4. closing balance	135,327,893.16	13,350,481.57	148,678,374.73
III. Impairment reserve	—	—	—
1. opening balance	-	-	-
2. addition	-	-	-
3. decrease	-	-	-
4. closing balance	-	-	-
IV. Book value	—	—	—
1. Closing book value	110,845,724.69	12,743,956.81	123,589,681.50
2. Opening book value	102,067,072.63	13,265,845.57	115,332,918.20

(2) Investment property without ownership certificate

Item	Book value	Reason
-------------	-------------------	---------------

Plant	12,141,047.62	Because the land use right and the plant's ownership belong to different person, the deed of the plant was not obtained. In 2023, the land use right is obtained, the certificate of the plant ownership is in progress
Rihang Apartment	1,958,830.20	The documents are not ready in full, the certificate of the building ownership can not be dealt with

15. Fixed assets

Items	Closing Book Value	Opening Book Value
Fixed asset	1,291,851,402.46	1,229,029,368.93
Fixed asset disposal	-	-
Total	1,291,851,402.46	1,229,029,368.93

(1) Fixed assets detail

Item	Property & buildings	Machinery equipment	Transportation equipment	Other equipment	Total
I. Initial cost	—	—	—	—	—
1. Opening balance	833,131,692.61	1,700,788,050.58	21,850,467.55	215,907,705.08	2,771,677,915.82
2. Increase	169,961,408.00	206,761,056.32	6,124,546.45	43,911,382.93	426,758,393.70
(1) Purchase	13,060,683.47	3,476,651.96	363,268.65	4,559,341.33	21,459,945.41
(2) Transferred from construction-in-progress	2,439,313.50	49,253,798.47	413,539.84	16,259,558.57	68,366,210.38
(3) Acquired from business combination	154,461,411.03	134,755,852.34	5,347,737.96	23,092,483.03	317,657,484.36
(4) financial lease	-	19,274,753.55	-	-	19,274,753.55
3. Decrease	18,330,807.67	46,685,982.39	1,560,741.04	11,370,982.59	77,948,513.69
(1) Disposal	2,999,204.64	46,685,982.39	1,560,741.04	11,370,982.59	62,616,910.66
(2) transferred int investment property	15,331,603.03	-	-	-	15,331,603.03
4. Closing balance	984,762,292.94	1,860,863,124.51	26,414,272.96	248,448,105.42	3,120,487,795.83
II. Accumulated depreciation	—	—	—	—	—
1. Opening balance	244,228,011.91	1,120,019,881.71	15,419,223.76	149,998,682.42	1,529,665,799.80

Item	Property & buildings	Machinery equipment	Transportation equipment	Other equipment	Total
2. Increase	101,507,446.57	198,882,895.04	4,931,531.13	30,334,072.95	335,655,945.69
(1) Accrued	24,470,757.08	91,543,120.54	1,570,559.26	12,218,112.81	129,802,549.69
(2) Acquired from business combination	77,036,689.49	101,969,284.95	3,360,971.87	18,115,960.14	200,482,906.45
(3) financial lease	-	5,370,489.55	-	-	5,370,489.55
3. Decrease	2,686,973.65	37,637,882.98	1,423,918.35	10,341,217.21	52,089,992.19
(1) Disposal	1,187,195.08	37,637,882.98	1,423,918.35	10,341,217.21	50,590,213.62
(2) transferred int investment property	1,499,778.57	-	-	-	1,499,778.57
4. Closing balance	343,048,484.83	1,281,264,893.77	18,926,836.54	169,991,538.16	1,813,231,753.30
III. Impairment reserve	—	—	—	—	—
1. Opening balance	201,250.96	8,839,885.62	286,519.26	3,655,091.25	12,982,747.09
2. Increase	1,960,721.36	3,258,013.57	-	414,884.85	5,633,619.78
(1) Acquired from business combination	1,960,721.36	3,258,013.57		414,884.85	5,633,619.78
3. Decrease	1,036,065.45	2,088,217.14	-	87,444.21	3,211,726.80
(1) Disposal	1,036,065.45	2,088,217.14	-	87,444.21	3,211,726.80
4. Closing balance	1,125,906.87	10,009,682.05	286,519.26	3,982,531.89	15,404,640.07
IV. Book value	—	—	—	—	—
1. Closing book value	640,587,901.24	569,588,548.69	7,200,917.16	74,474,035.37	1,291,851,402.46
2. Opening book value	588,702,429.74	571,928,283.25	6,144,724.53	62,253,931.41	1,229,029,368.93

(2) Fixed assets without ownership certificate

Item	Book value	Reason
-------------	-------------------	---------------

Self -constructed buildings	30,753,216.16	Up to December 31,2023, sum of net book value of the buildings without ownership certificate is 30,753,216.16 Yuan, they are all self-constructed buildings, which is the property of Sonyo Compressor (Dalian)Co., Ltd. Because the land right where the buildings stand on are not obtained, ownership certificate of the buildings are not ready.
-----------------------------	---------------	--

16. Construction-in-progress

Item	Closing book value	Opening book value
Construction-in-progress	114,801,351.21	115,577,902.54
Construction materials	-	-
Total	114,801,351.21	115,577,902.54

(1) Construction-in-progress details

Item	Closing balance			Opening balance		
	Book balance	Provision	Book Value	Book balance	Provision	Book value
Buildings & reconstruction	26,282,803.78	-	26,282,803.78	24,796,146.56	-	24,796,146.56
Improvement of machinery	83,833,793.88	-	83,833,793.88	82,341,565.62	-	82,341,565.62
Software of intelligent manufacture	4,684,753.55	-	4,684,753.55	3,575,525.17	-	3,575,525.17
Power generation project	-	-	-	9,164,665.19	4,300,000.00	4,864,665.19
Total	114,801,351.21	-	114,801,351.21	119,877,902.54	4,300,000.00	115,577,902.54

(2) Change in the significant construction in progress

Name	Opening balance	Increase	Decrease		Closing balance
			Transfer to FA/ Intangible assets	Other decrease	
Buildings & reconstruction	24,796,146.56	2,512,958.85	3,040,744.66	247,524.75	24,020,836.00
Improvement of machinery	82,341,565.62	36,587,416.93	58,254,020.37	1,026,548.66	59,648,413.52
Software of intelligent manufacture	3,575,525.17	1,230,929.72	-	4,806,454.89	-
Power generation project	9,164,665.19	-	4,864,665.19	4,300,000.00	-
Total	119,877,902.54	40,331,305.50	66,159,430.22	10,380,528.30	83,669,249.52

(Continued)

Name	Budget	Percent of investment against budget (%)	Progress of construction	Accumulated capitalized interest	Including: accumulated capitalized interest of the year	Interest capitalization Rate (%)	Source of funds
Buildings & reconstruction	29,847,212.07	80.48	80.48	-	-	-	Self-financing
Improvement of machinery	62,164,977.27	95.95	95.95	-	-	-	Self-financing
Software of intelligent manufacture	3,610,000.00	-	-	-	-	-	—
Power generation project	9,164,665.19	-	-	-	-	-	—
Total	104,786,854.53	—	—	—	—	—	—

(3) Impairment provision

Item	Opening balance	Increase	Decrease	Closing balance	Reason
Power generation project	4,300,000.00	-	4,300,000.00	-	—
Total	4,300,000.00	-	4,300,000.00	-	—

17. Right-of-use assets

Item	Property/ buildings	Machinery	Transportation equipment	Electronic equipment	Land use right	Total
I. Initial cost	—	—	—	—	—	—
1. Opening balance	12,258,253.25	22,042,380.89	334,540.86	194,322.58	7,945,762.91	42,775,260.49
2. Increase	17,260,086.14	-	-	802,669.35	7,579,035.02	25,641,790.51
(1) lease in	17,260,086.14	-	-	802,669.35	-	18,062,755.49
(2) business combination	-	-	-	-	7,579,035.02	7,579,035.02
3. Decrease	7,217,240.70	20,541,973.76	334,540.86	-	121,248.96	28,215,004.28
(1) Disposal	7,217,240.70	1,267,220.21	334,540.86	-	121,248.96	8,940,250.73
(2) transferred into FA	-	19,274,753.55	-	-	-	19,274,753.55
4. Closing balance	22,301,098.69	1,500,407.13	-	996,991.93	15,403,548.97	40,202,046.72
II. Accumulated amortization	—	—	—	—	—	—
1. Opening balance	2,561,983.47	7,244,798.14	223,027.24	99,228.48	1,704,560.90	11,833,598.23
2. Increase	8,604,790.32	1,263,779.95	111,513.60	62,992.06	2,139,878.33	12,182,954.26
(1) Accrued	8,604,790.32	1,263,779.95	111,513.60	62,992.06	1,297,763.28	11,340,839.21
(2) business combination	-	-	-	-	842,115.05	842,115.05
3. Decrease	6,076,357.87	7,870,831.42	334,540.84	-	80,832.72	14,362,562.85
(1) Disposal	6,076,357.87	1,188,837.41	334,540.84	-	80,832.72	7,680,568.84
(2) transferred into FA	-	6,681,994.01	-	-	-	6,681,994.01
4. Closing balance	5,090,415.92	637,746.67	-	162,220.54	3,763,606.51	9,653,989.64

Item	Property/ buildings	Machinery	Transportation equipment	Electronic equipment	Land use right	Total
III. Impairment reserve	—	—	—	—	—	—
1. Opening balance	-	-	-	-	-	-
2. Increase	-	-	-	-	-	-
3. Decrease	-	-	-	-	-	-
4. Closing balance	-	-	-	-	-	-
IV. Book value	—	—	—	—	—	—
1. Closing book value	17,210,682.77	862,660.46	-	834,771.39	11,639,942.46	30,548,057.08
2. Opening book value	9,696,269.78	14,797,582.75	111,513.62	95,094.10	6,241,202.01	30,941,662.26

18. Intangible assets

Item	Land use right	Patent	Non-Patent	Others	Total
I. Initial cost	—	—	—	—	—
1. Opening balance	173,151,420.72	17,630,188.82	5,773,680.00	59,376,795.82	255,932,085.36
2. Increase	67,754,316.68	-	-	17,330,846.32	85,085,163.00
(1) Purchase	15,106,584.15	-	-	4,347,395.91	19,453,980.06
(2) Transferred from construction-in-progress	-	-	-	278,761.06	278,761.06
(3) increase via merge	52,647,732.53	-	-	12,704,689.35	65,352,421.88
3. Decrease	-	-	-	2,458,296.66	2,458,296.66
(1) Disposal	-	-	-	2,458,296.66	2,458,296.66
4. Closing balance	240,905,737.40	17,630,188.82	5,773,680.00	74,249,345.48	338,558,951.70
II. Accumulated amortization	—	—	—	—	—
1. Opening balance	47,596,987.88	9,040,676.05	4,273,700.00	26,944,001.36	87,855,365.29
2. Increase	24,304,389.58	1,429,512.20	500,008.00	15,889,731.72	42,123,641.50
(1) Accrued	6,448,992.14	1,429,512.20	500,008.00	5,192,180.77	13,570,693.11
(2) Increase from merger	17,855,397.44	-	-	10,697,550.95	28,552,948.39
3. Decrease	-	-	-	1,986,197.48	1,986,197.48
(1) Disposal	-	-	-	1,986,197.48	1,986,197.48
4. Closing balance	71,901,377.46	10,470,188.25	4,773,708.00	40,847,535.60	127,992,809.31
III. Impairment provision	—	—	—	—	—
1. Opening balance	-	-	-	-	-
2. Increase	-	-	-	50,980.35	50,980.35
(1) Increase from merger	-	-	-	50,980.35	50,980.35
3. Decrease	-	-	-	38,999.18	38,999.18
(1) Disposal	-	-	-	38,999.18	38,999.18
4. Closing balance	-	-	-	11,981.17	11,981.17
IV. Book value	—	—	—	—	—
1. Closing book value	169,004,359.94	7,160,000.57	999,972.00	33,389,828.71	210,554,161.22
2. Opening book value	125,554,432.84	8,589,512.77	1,499,980.00	32,432,794.46	168,076,720.07

19. Goodwill

(1) Original cost of goodwill

Name	Opening Balance	Increased during current year		Decreased during current year		Closing Balance
		Enterprises merger increase	Other	Disposal	Other	
Sonyo Compressor (Dalian)Co., Ltd	240,922,872.80	-	-	-	-	240,922,872.80
Sonyo Refrigeration (Dalian) Co., Ltd.(N1)	-	38,056,663.52	-	-	-	38,056,663.52
Sonyo Refrigeration System (Dalian) Co., Ltd.	5,671,836.12	-	-	-	-	5,671,836.12
Dalian Universe Thermal Technology Co., Ltd.	1,440,347.92	-	-	-	-	1,440,347.92
Dalian Bingshan Group Engineering Co., Ltd	310,451.57	-	-	-	-	310,451.57
Total	248,345,508.41	38,056,663.52	-	-	-	286,402,171.93

(2) Goodwill impairment provision

In the year 2015, the book value of equity investment of Dalian Universe Thermal Technology Co., Ltd exceeds the fair value of the proportion of the acquired company's identifiable net asset. The difference between the book value of equity investment of 48, 287,589.78 Yuan and the identifiable net asset's fair value of Dalian Sanyo High-efficient Refrigeration System Co., Ltd of 46,847,241.86 Yuan on the acquisition date of July 31st, 2015 is recognized as goodwill of 1,440,347.92 Yuan on The Company consolidated financial report at the end of the year.

In the year 2016, Dalian Bingshan Group Engineering Co., Ltd purchases shares of Dalian Bingshan Baoan Leisure Industry Co., Ltd and gains control. The transferred price is based on the net asset of Dalian Bingshan Baoan Leisure Industry Co., Ltd on June 30th, 2016. Negotiated with Dalian Bingshan Baoan Leisure Industry Co., Ltd's shareholder Baoan Water Project (China) Limited Company, the transfer price is the combination cost on the purchasing date which is 5,359,548.42 Yuan, the fair value of proportion of Dalian Bingshan Baoan Leisure Industry Company's identifiable net asset is 5,049,096.85 Yuan on the purchasing day, therefore, goodwill is 310,451.57 Yuan on the purchasing date. Dalian Bingshan Group Engineering Co., Ltd absorbed Dalian Bingshan Baoan Leisure Industry Co., Ltd in 2019.

In 2022, the Company purchased 60% of the shareholdings of Sonyo Compressor (Dalian)Co., Ltd from Sanyo Electric (China)Co., Ltd, and negotiated with Sanyo Electric (China)Co., Ltd to determine the share transfer consideration of 929,148,000.00 Yuan. After the transaction, Sonyo Compressor (Dalian)Co., Ltd became a subsidiary. This transaction is a business combination not under same control, cost of combination is the FV of previous shareholdings on acquisition date plus 60% shareholdings acquisition consideration, which is 1,548,580,000 Yuan in total. Goodwill of 240,922,872.80 Yuan is recognized for the difference between the share of FV of net identifiable asset of acquiree, 1,307,657,127.20 Yuan and cost of combination on acquisition date.

In 2022, the Company purchased 30% of the shareholdings of Sonyo Refrigeration System (Dalian) Co., Ltd. from Panasonic Corporation of china Co., LTD and 25% shareholdings of Sonyo Refrigeration System (Dalian) Co., Ltd from Panasonic Appliances cold Chain (Dalian)Co.Ltd. The negotiated share transfer consideration of 81,735,060.00 Yuan. After the transaction, Sonyo Compressor (Dalian)Co., Ltd became a subsidiary. This transaction is a business combination not under same control, cost of combination is the FV of previous shareholdings on acquisition date plus 55% shareholdings acquisition consideration, which is 111,456,900.00Yuan in total. Goodwill of 5,671,836.12 Yuan is recognized for the difference between the share of FV of net identifiable asset of acquire, 105,785,063.87Yuan and cost of combination on acquisition date.

In 2023, the Company purchased 40% of the shareholdings of Sonyo Refrigeration (Dalian) Co., Ltd. from Panasonic Corporation of China Co., LTD and 60% shareholdings of Sonyo Refrigeration (Dalian) Co., Ltd from Sanyo Electric (China)Co., Ltd. This transaction is a business combination not under same control, cost of combination is the consideration of 145,285,500.00 Yuan for share transfer. Goodwill of 38,056,663.52Yuan is recognized for the difference between the share of FV of net identifiable asset of acquire. 107,228,836.48Yuan and cost of combination on acquisition date.

The book value of goodwill from business combination shall be allocated into the relevant asset group using the reasonable method since acquisition date, and be tested for impairment on related asset groups containing goodwill by professional appraisal companies or use evaluation models to predict the recoverable amount of related asset groups containing goodwill in accordance with the present value of future cash flows including gross profit rate, sales growth rate (1%-8%), discount rate(10.74%-11.62%) and other parameters in the next 5 years. No goodwill impairment has been found when the recoverable amount of asset group for testing is higher than its book value.

20. Long-term unamortized expense

Item	Opening Balance	Increase	Amortization	Other Decrease	Closing balance
Greenland of new factory	3,940,176.58	-	892,115.52	-	3,048,061.06
Employee's dormitory use right	1,596,735.42	-	138,478.32	-	1,458,257.10
Membership fee for golf	390,500.00	-	16,500.00	-	374,000.00
Renovation and rebuilding	339,641.30	-	197,549.97	-	142,091.33
Amortization of instruments	219,513.62	389,380.61	293,657.62	-	315,236.61
Technology entrance fee of cold and heat machinery	-	16,016.35	7,340.85	-	8,675.50
Total	6,486,566.92	405,396.96	1,545,642.28	-	5,346,321.60

21. Deferred tax assets and deferred tax liabilities

(1) Deferred tax assets without offsetting

Item	Closing balance		Opening balance	
	Deductible temporary difference	Deferred tax assets	Deductible temporary difference	Deferred tax assets
Provision for credit impairment	445,951,688.75	81,048,834.24	383,685,092.04	70,892,192.53
Provision for impairment of assets	153,519,850.70	23,185,410.37	110,205,587.05	18,013,430.31
Lease liability	52,799,814.74	8,006,670.79	18,901,886.18	2,883,573.82
FA depreciation	48,341,817.47	7,251,272.60	35,600,567.62	5,340,085.14
Accrued sales discount	17,125,319.07	2,568,797.86	13,744,913.65	2,061,737.05
Unrealized profit from internal transaction	13,034,503.47	1,955,175.52	13,034,503.47	1,955,175.52
Unrealized revenue	11,170,890.18	2,792,722.55	-	-
Provision	4,544,802.83	714,830.47	16,786,967.43	2,518,045.11
Safety cost	449,375.00	67,406.25	-	-
Deductible loss	-	-	9,991,507.80	1,498,726.17
Others	1,138,175.07	170,726.26	845,210.65	126,781.60
Total	748,076,237.28	127,761,846.91	602,796,235.89	105,289,747.25

(2) Deferred tax liabilities without offsetting

Item	Closing balance		Opening balance	
	Taxable temporary difference	Deferred tax liabilities	Taxable temporary difference	Deferred tax liabilities
Revaluation increase in business combination asst not under same control	253,978,835.91	38,096,825.39	211,352,103.77	31,702,815.57
Change on FV of other non-current financial assets	151,430,911.13	22,714,636.67	137,357,000.73	20,603,550.11
FA depreciation	44,655,750.06	6,698,362.51	46,545,245.48	6,981,786.82
Use right of asset	48,864,566.94	7,414,624.88	19,380,755.68	2,961,740.42
Total	498,930,064.04	74,924,449.45	414,635,105.66	62,249,892.92

(3) Net deferred tax asset or liability

Item	Offset amount at the year-end	Closing balance of net of DTA/DTL	Offset amount at the beginning of the year	Opening balance of net of DTA/DTL
Deferred tax assets	14,112,987.38	113,648,859.53	9,865,360.64	95,424,386.61
Deferred tax liabilities	14,112,987.38	60,811,462.07	9,865,360.64	52,384,532.28

(4) Unrecognized deferred tax assets details

Item	Closing balance	Opening balance
Deductible temporary difference	227,656,543.59	173,990,137.06
Deductible loss	553,968,553.34	310,513,803.17
Total	781,625,096.93	484,503,940.23

(5) Unrecognized deductible loss of deferred tax assets expired years

Year	Closing balance	Opening balance	Notes
2024	7,735,166.14	7,735,166.14	—
2025	8,950,922.50	8,950,922.50	—
2026	54,629,003.37	54,629,003.37	—
2027	67,364,986.52	67,240,033.97	—
2028	55,969,301.70	13,111,421.07	—
2029	39,791,411.14	45,365,135.77	—
2030	7,689,545.97	10,574,799.57	—
2031	126,221,649.87	50,864,213.30	—
2032	44,819,905.64	52,043,107.48	—
2033	140,796,660.49	-	—
Total	553,968,553.34	310,513,803.17	—

22. Other non-current asset

Category	Closing Balance			Opening balance		
	Book value	Provision	Carrying amount	Book value	Provision	Carrying amount
Debt offset housing	21,770,721.00	1,527,371.56	20,243,349.44	-	-	-
Total	21,770,721.00	1,527,371.56	20,243,349.44	-	-	-

23. Assets with restricted ownership or use rights

Item	At the year end			
	Book value	Carrying amount	Type	Restriction
Monetary fund	110,277,531.37	110,277,531.37	Frozen	Guarantee deposit/ frozen bank account
Notes receivable	4,939,655.20	4,939,655.20	Pledged	Pledged
Financing of receivable	99,078,000.87	99,078,000.87	Pledged	Pledged
FA	89,720,897.99	60,540,912.88	Pledged	Pledged
Intangible asset	8,266,573.44	5,421,865.27	Pledged	Pledged
Investment property	38,955,728.90	32,097,825.31	Pledged	Pledged
Total	351,238,387.77	312,355,790.90	—	—

(continued)

Item	At the beginning of the year			
	Book value	Carrying amount	Type	Restriction
Monetary fund	84,504,096.01	84,504,096.01	Frozen	Guarantee deposit/ frozen bank account
Notes receivable	98,917,384.72	98,917,384.72	Pledged	Pledged
Financing of receivable	15,259,393.79	15,259,393.79	Pledged	Pledged
FA	89,669,668.86	62,207,555.51	Pledged	Pledged
Intangible asset	8,266,573.44	5,587,198.75	Pledged	Pledged
Investment property	38,955,728.90	32,981,247.79	Pledged	Pledged
Total	335,572,845.72	299,456,876.57	—	—

Note: DALIAN BRANKA TECHNOLOGY CO., LTD prosecuted our company, therefore 4,317,629.58 Yuan is frozen. But subsequently the adjudication is made. Xuchang Superlift Energy Saving Technology Co., LTD prosecuted Dalian Bingshan Group Engineering Co., Ltd, therefore 14,435,825.75 Yuan is frozen. But subsequently both parties reach an accommodation, the frozen is over. Xining Changfeng Group Trade Co. Ltd prosecuted Dalian Bingshan Group Engineering Co., Ltd, therefore 2,168,000.00 Yuan is frozen. Dalian Bingshan Guardian Automation Co., Ltd.'s account is frozen with 439,215.89 Yuan, and Sonyo Refrigeration (Dalian) Co., Ltd.'s account is frozen with 215,000.00 Yuan because of litigation.

The Company's subsidiary, Dalian Universe Thermal Technology Co., Ltd pledged the bank acceptance note to the bank as guarantee for issuing the bank acceptance note.

The Company's subsidiary, Dalian Bingshan Engineering & Trading Co., Ltd pledged the bank acceptance note to the bank as guarantee for issuing the bank acceptance note.

The Company's subsidiary, Sonyo Compressor (Dalian) Co., Ltd pledged the bank acceptance note to the bank as guarantee for issuing the bank acceptance note.

The Company's subsidiary, Sonyo Refrigeration (Dalian) Co., Ltd pledged the bank acceptance note to the bank as guarantee for issuing the bank acceptance note.

The Company's subsidiary, Wuhan New World Refrigeration Industry Co., LTD., mortgaged its fixed assets, intangible assets and the investment property to the bank, as an integrated limit of credit used for acceptance, letter of credit, letter of guarantee, factoring, other specific credit business.

24. Short-term borrowing

(1) Category of short-term borrowing

Loan category	Closing balance	Opening balance
Credit loan	256,686,746.70	262,016,713.87
Factoring loan	2,976,345.47	-
Pledged loan	2,624,692.21	12,036,276.28
Total	262,287,784.38	274,052,990.15

25. Notes payable

Notes Category	Closing balance	Opening balance
Bank acceptance notes	670,720,999.48	616,424,384.85
Commercial acceptance notes	-	2,520,000.00
Total	670,720,999.48	618,944,384.85

26. Accounts payable

Item	Closing balance	Opening balance
Material payments	931,983,444.51	956,122,327.00
Project payments	675,076,736.92	567,873,401.74
Equipment payments	43,234,911.60	55,406,593.91
Others	5,540,269.98	6,695,737.94
Total	1,655,835,363.01	1,586,098,060.59

27. Other accounts payable

Item	Closing balance	Opening balance
Interest payable	-	-
Dividend payable	533,156.00	533,156.00
Other accounts payable	278,270,996.17	66,521,094.25
Total	278,804,152.17	67,054,250.25

27.1 Dividend payable

Item	Closing balance	Opening balance
Ordinary share dividend	533,156.00	533,156.00
Total	533,156.00	533,156.00

27.2 Other accounts payable

(1) Other payables categorized by payments nature

Payments nature	Closing balance	Opening balance
Supplier platform	179,737,197.47	-
Apply for reimbursement and unpaid	24,617,613.80	21,409,586.91
Payable factoring	22,407,941.90	-
Cash pledge and security deposit	14,448,796.02	11,393,395.62
Agency fees	5,317,884.69	-
Repair	4,676,404.47	-
Trade mark and royalty	2,531,401.13	3,505,028.04
Receipts under custody	830,631.83	700,531.82
Others	23,703,124.86	29,512,551.86
Total	278,270,996.17	66,521,094.25

28. Contract liability

(1) Contract liability

Item	Closing balance	Opening balance
Received in advance due from unrealized revenue	787,685,294.53	647,645,820.57
Total	787,685,294.53	647,645,820.57

(2) Contract liability over 1 year

Item	Closing balance	Unsettled reason
Company 2	23,690,469.49	Not complete yet
Total	23,690,469.49	—

(3) Change of book value of the contract liability

Item	Change amount	Change reason
Received in advance due from unrealized revenue	146,750,000.38	Combination Scope change
Total	146,750,000.38	—

29. Employee's payable

(1) Category of employee's payable

Item	Opening balance	Increase	Decrease	Closing balance
Short-term employee's payable	118,200,459.60	698,112,149.00	666,960,098.49	149,352,510.11
Post-employment benefit –defined contribution plan	16,223.63	67,338,512.94	67,343,533.22	11,203.35
Termination benefits	-	2,643,680.07	2,510,280.07	133,400.00
Other welfare due within 1 year	-	-	-	-
Total	118,216,683.23	768,094,342.01	736,813,911.78	149,497,113.46

(2) Short-term employee's payables

Item	Opening balance	Increase	Decrease	Closing balance
Salaries, bonus, allowance, and subsidy	103,351,245.84	566,724,928.58	533,844,717.12	136,231,457.30
Welfare	-	29,570,037.23	29,570,037.23	-
Social insurance	9,001.71	40,370,113.39	40,372,189.41	6,925.69
Include: Medical insurance	7,733.56	32,334,416.06	32,335,495.51	6,654.11
Supplemental insurance	-	37,988.21	37,988.21	-
On-duty injury insurance	1,268.15	4,158,076.12	4,159,072.69	271.58
Maternity insurance	-	3,839,633.00	3,839,633.00	-
Housing funds	-	46,650,075.94	46,471,919.96	178,155.98
Labor union and training expenses	3,426,187.27	11,176,647.07	10,594,153.94	4,008,680.40
Short-term leave with pay	-	-	-	-
Reward bonus and welfare fund	11,414,024.78	3,620,346.79	6,107,080.83	8,927,290.74
Total	118,200,459.60	698,112,149.00	666,960,098.49	149,352,510.11

(3) Defined contribution plan

Item	Opening balance	Increase	Decrease	Closing balance
Pension	12,626.24	65,219,039.12	65,220,801.52	10,863.84
Unemployment insurance	3,597.39	2,119,473.82	2,122,731.70	339.51
Company annuity plan	-	-	-	-
Total	16,223.63	67,338,512.94	67,343,533.22	11,203.35

30. Tax payable

Item	Closing balance	Opening balance
Enterprise income tax	10,958,503.00	3,541,171.62
Value-added tax	5,013,411.92	23,058,922.64
Real estate tax	2,589,711.66	2,212,510.37
Land use tax	1,313,078.49	1,122,457.62
Stamp duty	879,269.28	787,688.77
City maintenance and construction tax	551,839.60	1,253,818.83
Individual income tax	514,426.82	818,322.16
Education surcharge	394,171.13	895,584.93
River toll fee	2,080.36	1,046.68
Total	22,216,492.26	33,691,523.62

31. Non-current liabilities due within one year

Item	Closing balance	Opening balance
Bond payable due within one year	119,400,000.00	24,900,000.00
Long-term payable due within one year	24,636,926.13	29,809,686.93
Lease obligation due within one year	6,608,421.51	8,396,267.63
Total	150,645,347.64	63,105,954.56

32. Other current liabilities

Item	Closing balance	Opening balance
Notes payable endorsed not derecognized	148,957,983.15	127,165,397.88
Output Vat to be carried forward	54,357,881.28	77,484,605.36
Total	203,315,864.43	204,650,003.24

33. Long-term borrowing

(1) Category of long-term borrowing

Category	Closing Balance	Opening Balance
-----------------	------------------------	------------------------

Pledged loan	609,700,000.00	585,100,000.00
Guarantee loan	70,000,000.00	130,000,000.00
Total	679,700,000.00	715,100,000.00

Note 1: Pledged loan of 0.6 billion Yuan is for business combination in 2022, which comprises

0.3 billion Yuan from Dalian Zhoushuizi Branch of China Construction Bank Corporation, 5years with 2.75% borrowing rate. 50% shareholdings of Sonyo Compressor (Dalian)Co., Ltd and 37.5% shareholdings of Sonyo Refrigeration System (Dalian) Co., Ltd. were pledged. China Construction Bank Corporation will complete the guarantee in February 2023. 0.3 billion Yuan from Dalian Branch of Bank of Communications Co., Ltd., 7 years with 2.75% borrowing rate. 50% shareholdings of Sonyo Compressor (Dalian)Co., Ltd and 37.5% shareholdings of Sonyo Refrigeration System (Dalian) Co., Ltd. were pledged. Dalian Branch of Bank of Communications Co., Ltd will complete the guarantee in February 2023. In 2024, 40 million Yuan loan is planned to pay back to Construction bank and 1.44 million Yuan loan to Communications bank.

Note 2: Pledged loan includes a new loan of 87 million Yuan in 2023 for acquisition of Sonyo Refrigeration System (Dalian) Co., Ltd. held by Panasonic Corporation of China Co., LTD and Sanyo Electric (China)Co., Ltd. The loan is expired by 7 years with 2.75% borrowing rate. Up to December 31, 2023, the closing balance is 79million Yuan and will be repaid 5 million Yuan in 2024.

Note 3: In year 2016, the Development Fund from China Development Bank gave support to the Company's intelligent and green equipment of cold chain and service industry base project and provided special fund to the Company's holding shareholder, Bingshan Group. The fund is 160 million Yuan with 10year's expiration at 1.2% rate. Once the fund arrived, Bingshan Group gave it to the Company at the same rate of 1.2% in lump sum. The above fund needed to be warranted by the Company. The guarantee seems to be given for the holding shareholder, but it is for the Company itself in fact. Up to December 31, 2023, the closing balance is 130 million Yuan and will be repaid 60 million Yuan in 2024.

34. Lease obligation

(1) Details of lease obligation

Category	Closing balance	Opening balance
Lease payment	38,276,477.18	23,357,885.20
Less: unrecognized finance expense	7,533,068.70	3,731,085.52
Non-current liability due within 1 year	6,608,421.51	8,396,267.63
Net lease liability	24,134,986.97	11,230,532.05

35. Long term accounts payable

Item	Closing Balance	Opening Balance
Long term accounts payable	10,331,937.30	31,009,644.16
Special fund payable	-	-
Total	10,331,937.30	31,009,644.16

35.1 Category by nature

Nature	Closing Balance	Opening Balance
Financial lease borrowings	10,331,937.30	31,009,644.16
Total	10,331,937.30	31,009,644.16

36. Provision

Nature	Closing Balance	Opening Balance	Reason
Warranty	4,544,802.88	3,094,982.15	Service after sales
Open litigation	-	15,710,985.28	—
Total	4,544,802.88	18,805,967.43	—

37. Deferred income

(1) Category of deferred income

Item	Opening Balance	Increase	Decrease	Closing Balance
Government subsidy	99,754,346.39	10,522,129.73	12,002,208.32	98,274,267.80
Total	99,754,346.39	10,522,129.73	12,002,208.32	98,274,267.80

(2) Government subsidy

Government subsidy item	Opening Balance	Increase	Into non-operating income	Into other income	The value offset cost and expense this year	Others	Closing Balance	Related with asset/income
Contribution to subsidiary company relocation	37,876,000.00	-	-	1,114,000.00	-	-	36,762,000.00	Asset related
Application of NH3 and CO2 instead of R22 screw refrigerating machine combined condensing unit	20,506,438.28	-	-	1,932,952.12	-	-	18,573,486.16	Asset Related
Eco Compressor project	17,421,621.34	-	-	2,553,850.15	-	-	14,867,771.19	Asset / Income related
R290 replacement of R22 large industrial screw unit	13,006,663.20	3,251,665.80	-	-	-	-	16,258,329.00	Asset related
R290 replacement of R22 industrial double stage screw unit	4,747,680.00	1,186,920.00	-	-	-	-	5,934,600.00	Asset related
Compressor IC system	3,169,590.55	-	-	368,769.72	-	-	2,800,820.83	Asset related
Ultrasonic intelligent defrost technology	3,006,353.02	-	-	414,824.40	-	-	2,591,528.62	Asset related
Refrigeration testing APP	20,000.00	-	-	20,000.00	-	-	-	Asset related

Government subsidy item	Opening Balance	Increase	Into non-operating income	Into other income	The value offset cost and expense this year	Others	Closing Balance	Related with asset/income
2023 AI Innovation Development Plan Fund-Government subsidy of Liaoning Provincial Department of Science and Technology -	-	3,000,000.00	-	3,000,000.00	-	-	-	Income related
Brand establishment expenses	-	947,718.00	-	947,718.00	-	-	-	Income related
Meat storage technology and equipment	-	487,400.00	-	1,668.00	-	-	485,732.00	Income related
Digital platform construction	-	440,000.00	-	440,000.00	-	-	-	Income related
FY2020 Subsidy for key science and technology research and development by Dalian Science and Technology Bureau	-	418,500.00	-	418,500.00	-	-	-	Income related
Study on heat transfer performance of red water heat exchanger and replacement of heat exchange tube	-	220,000.00	-	220,000.00	-	-	-	Income related

Government subsidy item	Opening Balance	Increase	Into non-operating income	Into other income	The value offset cost and expense this year	Others	Closing Balance	Related with asset/income
Special funds for innovation	-	180,000.00	-	180,000.00	-	-	-	Income related
FY2023 subsidy by Bureau of Science and Technology	-	115,500.00	-	115,500.00	-	-	-	Income related
Loan discount	-	65,833.33	-	65,833.33	-	-	-	Income related
FY2022 Science and Technology Awards	-	50,000.00	-	50,000.00	-	-	-	Income related
Demonstration subsidy	-	50,000.00	-	50,000.00	-	-	-	Income related
Dalian Employment and Talent Service Center government subsidy - unemployment insurance expansion subsidy	-	28,816.00	-	28,816.00	-	-	-	Income related

Government subsidy item	Opening Balance	Increase	Into non-operating income	Into other income	The value offset cost and expense this year	Others	Closing Balance	Related with asset/income
FY2022 Dalian scientific and technological achievements transfer and transformation subsidy and award project	-	38,000.00	-	38,000.00	-	-	-	Income related
Subsidies for the training of highly skilled personnel	-	18,360.00	-	18,360.00	-	-	-	Income related
Subsidies for college graduates and social security subsidies	-	15,056.60	-	15,056.60	-	-	-	Income related
Subsidy for employment of graduates by Dalian Jinpu New Area employment and talent service center	-	6,000.00	-	6,000.00	-	-	-	Income related
Subsidy for labor training	-	2,360.00	-	2,360.00	-	-	-	Income related
Total	99,754,346.39	10,522,129.73	-	12,002,208.32	-	-	98,274,267.80	—

Note: Asset related grant shall be offset the cost or expense within the asset's useful life; income related grant shall be booked into other income or offset cost or expense if it is relevant to daily activity, otherwise it shall be booked into non-operating income.

38.Share capital

Item	Opening balance	Increase/decrease (+/-)					Closing balance
		New share issued	Share dividend	Transfer from capital reserve	others	Subtotal	
Total share capital	843,212,507.00	-	-	-	-	-	843,212,507.00

39.Capital reserves

Items	Opening Balance	Increase	Decrease	Closing Balance
Share premium	669,193,413.27	-	-	669,193,413.27
Other capital reserves	47,903,685.11	-	-	47,903,685.11
Total	717,097,098.38	-	-	717,097,098.38

BINGSHAN REFRIGERATION & HEAT TRANSFER TECHNOLOGIES CO., LTD

Notes to financial statements

January 1, 2023 to December 31, 2023

(The currency is in RMB Yuan except otherwise indicated)

(English translation for reference only)

40. Other comprehensive income

Items	Opening Balance	Current year					Closing Balance
		Amount for the period before income tax	Less: Previously recognized in profit or loss into other comprehensive income	Less: income tax	After-tax attribute to the parent company	After-tax attribute to minority shareholder	
I. Later can't reclassified into profit and loss of other comprehensive income	-	-	-	-	-	-	-
II. Later reclassified into profit and loss of other comprehensive income	2,208,669.73	-	-	-	-	-	2,208,669.73
Other comprehensive income that can be transferred to profit or loss under the equity method	2,208,669.73	-	-	-	-	-	2,208,669.73
Other comprehensive income total	2,208,669.73	-	-	-	-	-	2,208,669.73

41. Special reserve

Item	Opening Balance	Increase	Decrease	Closing Balance
Manufacturing safety	-	13,214,150.71	12,764,775.75	449,374.96
Total	-	13,214,150.71	12,764,775.75	449,374.96

42. Surplus reserves

Item	Opening Balance	Increase	Decrease	Closing Balance
Statutory surplus reserve	362,972,224.98	10,426,530.94	-	373,398,755.92
Discretionary surplus reserve	462,249,814.41	31,510,869.01	-	493,760,683.42
Total	825,222,039.39	41,937,399.95	-	867,159,439.34

Note: The Company made profit distribution during the reporting period. According to the resolution of the 2022 annual General meeting of shareholders, the discretionary surplus reserve of RMB 31,510,869.01 will be appropriated based on 20% of the net profit of the statutory financial report for FY2022; Statutory surplus reserve of 10,426,530.94 Yuan shall be appropriated based on 10% of the net profit of the parent company this year.

43.Undistributed profits

Item	Current year	Last year
Closing balance of last year	618,445,922.58	627,764,582.32
Add: Adjustments to the opening balance of undistributed profits	-65,810.05	-539,927.37
Including: additional retrospective adjustments according to the new accounting standards	-	-
Change on accounting policy	-65,810.05	-539,927.37
Correction of prior period significant errors	-	-
Change on combination scope under same control	-	-
Other factors	-	-
Opening balance of current year	618,380,112.53	627,224,654.95
Add: net profit attributable to shareholders of parent company in the year	49,375,900.83	18,255,330.45
Less: Provision for statutory surplus reserves	10,426,530.94	15,755,434.51
Provision for any surplus reserves	31,510,869.01	-
Provision of general risk	-	-
Dividends payable for common shares	8,432,125.07	8,432,125.07
Common stock dividends converted to equity	-	-
Others	-	3,386,430.61
Closing balance of current year	617,386,488.34	618,380,112.53

44. Operating revenue and cost

(1) Details

Items	Current year		Last year	
	Sales revenue	Cost of sales	Sales revenue	Cost of sales
Revenue from principle operation	4,708,789,817.06	3,931,870,621.80	2,803,347,359.37	2,459,913,203.46
Revenue from other operation	107,151,650.64	73,726,836.39	89,737,950.92	77,615,637.94
Total	4,815,941,467.70	4,005,597,458.19	2,893,085,310.29	2,537,528,841.40

(2) Main revenue and COS details

Contract classification	Northeast China		Central China		Total	
	Sales revenue	Cost of sales	Sales revenue	Cost of sales	Sales revenue	Cost of sales
Classified by products	4,613,126,067.20	3,833,847,926.43	202,815,400.50	171,749,531.76	4,815,941,467.70	4,005,597,458.19
Manufacture products	3,212,707,591.48	2,562,240,496.51	144,731,244.58	128,025,645.17	3,357,438,836.06	2,690,266,141.68
Project installation	1,270,182,363.19	1,173,033,479.16	24,480,978.58	22,576,643.32	1,294,663,341.77	1,195,610,122.48
Other products and service	130,236,112.53	98,573,950.76	33,603,177.34	21,147,243.27	163,839,289.87	119,721,194.03
Classified by geography location	4,613,126,067.20	3,833,847,926.43	202,815,400.50	171,749,531.76	4,815,941,467.70	4,005,597,458.19
domestic	4,075,399,244.72	3,437,323,354.01	202,815,400.50	171,749,531.76	4,278,214,645.22	3,609,072,885.77
overseas	537,726,822.48	396,524,572.42	-	-	537,726,822.48	396,524,572.42
Timing of goods transferred	4,613,126,067.20	3,833,847,926.43	202,815,400.50	171,749,531.76	4,815,941,467.70	4,005,597,458.19
At a point	4,514,583,069.37	3,736,525,341.06	202,815,400.50	171,749,531.76	4,717,398,469.87	3,908,274,872.82
Over the time	98,542,997.83	97,322,585.37	-	-	98,542,997.83	97,322,585.37
Total	4,613,126,067.20	3,833,847,926.43	202,815,400.50	171,749,531.76	4,815,941,467.70	4,005,597,458.19

45.Taxes and surcharges

Items	Current year	Last year
Property tax	10,073,731.86	8,149,841.00
City construction tax	9,012,910.60	3,787,453.40
Education surcharge	6,439,924.63	2,716,374.19
Land use tax	5,015,774.62	4,339,092.94
Stamp duty	3,354,441.63	3,036,523.34
Vehicle and vessel tax	48,250.80	21,640.80
Others	23,642.94	10,700.69
Total	33,968,677.08	22,061,626.36

46.Selling expenses

Items	Current year	Last year
Employee benefit	141,519,344.86	94,640,905.30
Travel expense	25,719,851.30	12,871,992.12
Official business expense	25,483,586.78	15,487,688.84
Maintenance and repair expense	17,803,113.38	17,886,776.97
Business entertaining expense	15,227,636.78	9,081,381.79
Advertisement and bids expense	4,936,902.38	1,817,387.69
Depreciation expense	2,257,182.91	861,025.06
Other expense	914,408.09	1,088,557.19
Total	233,862,026.48	153,735,714.96

47. Administrative expenses

Items	Current year	Last year
Employee benefit	127,272,720.89	104,233,517.24
Official expense	28,493,919.83	19,600,747.44
Depreciation expense	25,264,201.98	17,450,109.34
Maintenance and repair expense	16,475,833.99	8,558,115.62
Long-term assets amortization	11,646,085.10	7,988,593.35
Patent trade mark use	9,372,566.10	1,139,572.89
Design consultant and test service expense	8,075,373.29	14,255,471.99
Travel expense	6,514,713.45	4,544,965.76
Other taxes and fee	3,686,510.53	841,243.95
Safety production cost	3,062,462.68	2,791,153.21
Business entertaining expense	2,738,569.12	1,664,993.09
Insurance expense	1,435,356.69	830,189.74
Advertisement expense	814,999.22	424,668.21
Transportation expense	47,368.09	204,637.83
Other expense	5,667,564.54	1,850,224.84
Total	250,568,245.50	186,378,204.50

48. Technology development expense

Items	Current year	Last year
Employee benefit	102,598,481.06	52,660,638.70
Raw material	20,934,040.54	12,253,575.39
Depreciation and amortization expense	14,685,194.95	6,409,516.10
Other expense	25,968,001.16	5,469,075.50
Total	164,185,717.71	76,792,805.69

49. Financial expenses

Items	Current year	Last year
Interest expenses	37,918,133.57	18,581,726.78
Less: interest income	10,558,433.14	5,850,062.80
Add: exchange loss	-299,066.17	-3,698,043.31
Add: others expenditure	3,097,443.21	2,791,902.36
Total	30,158,077.47	11,825,523.03

50.Other income

Items	Current year	Last year
Input VAT accelerated deduction	17,504,090.47	-
Government subsidy	12,002,208.32	6,473,525.00
Insurance premium refund	367,800.00	-
Personal income tax handling fee refund	180,238.52	90,694.36
Job stability subsidy	111,468.81	98,244.00
VAT deduction for recruiting poor people	12,350.00	-
Gain on debt restructuring	1,512.39	119,554.03
Land and property tax preference	-	391,094.76
VAT return	-	43.32
Total	30,179,668.51	7,173,155.47

51.Gain on fair value change

Source of gain on FV change	Current year	Last year
Other noncurrent financial assets	14,073,910.32	-46,991,034.40
Total	14,073,910.32	-46,991,034.40

52.Investment income

Items	Current year	Last year
Long-term equity investment gain under equity method	-4,884,731.99	-37,218,861.27
Gain from disposal of long-term equity investment	-	109,098,404.60
Gain from FV remeasurement of the shares on obtaining control	-	170,729,805.79
Gain from holding of other noncurrent financial assets	5,796,799.24	20,671,710.39
Gain from disposal of other no-current financial assets	-	43,296,525.04
Gain on debt restructuring	1,790,089.90	110,913.39
Discounting fees for bank acceptance note	-1,595,528.43	-
Dividend received for other equity instrument held	-	-
Total	1,106,628.72	306,688,497.94

53.Credit impairment loss (loss listed as “-”)

Items	Current year	Last year
Bad debt loss on notes receivable	91,074.58	-789,111.45
Bad debt loss on receivable	-68,147,779.35	-77,384,660.21
Bad debt loss on other receivable	-1,885,950.98	-4,020,227.27
Bad debt loss on long term receivable	210,600.00	-501,389.82
Total	-69,732,055.75	-82,695,388.75

54.Assets impairment losses (loss listed as “-”)

Items	Current year	Last year
Loss on impairment of inventory and cost to fulfill the contract obligation	-17,646,037.59	-39,711,456.37
Loss of contract asset impairment	4,767,716.49	-30,814,338.63
Impairment on other non-current asset	-1,527,371.56	-
Impairment on construction in progress	-	-4,300,000.00
Total	-14,405,692.66	-74,825,795.00

55.Gain on assets disposal (loss listed as “-”)

Item	Current year	Last year
Gain on non-current assets disposal	-1,184,930.14	194,556.13
Including: gain on non-current assets disposal not classified as held for sale	-1,184,930.14	194,556.13
Including: gain on fixed assets disposal	-689,706.84	194,556.13
gain on intangible assets disposal	-433,100.00	-
gain on early derecognition of use right asset	-62,123.30	-
Total	-1,184,930.14	194,556.13

56. Non-operating income

(1) Non-operating income list

Item	Current year	Last year	Amounts recognized into non-recurring profit or loss for the year
Loss claimed reverse	10,206,786.86	-	10,206,786.86
Penalty received	2,021,941.14	6,612,182.54	2,021,941.14
Creditor giving up	1,895,792.78	4,345,157.74	1,895,792.78
Gain on disposal of non-current asset	39,884.14	93,160.73	39,884.14
Contract withdrawn and received in advance transferred to non-operating income	-	432,311.90	-
Other items	369,517.17	358,715.64	369,517.17
Total	14,533,922.09	11,841,528.55	14,533,922.09

57. Non-operating expenses

Item	Current year	Last year	Amounts recognized into non-recurring profit or loss for the year
Non-current assets scrap loss	5,511,195.40	191,291.12	5,511,195.40
Compensation	952,429.15	2,813,844.43	952,429.15
Outward donation	360,000.00	57,000.00	360,000.00
Expected loss for open litigation	-	2,019,000.00	-
Others	142,852.98	123,404.80	142,852.98
Total	6,966,477.53	5,204,540.35	6,966,477.53

58. Income tax expenses

(1) Income tax expenses

Items	Current year	Last year
Current income tax expenses	25,126,696.59	5,482.46
Deferred income tax expenses	-14,094,997.51	571,333.82
Total	11,031,699.08	576,816.28

(2) Adjustment process of accounting profit and income tax expense

Items	Current year
Consolidated total profit this year	65,206,238.83
Income tax expenses at applicable tax rate	9,780,935.82
Effect on subsidiary applied to different tax rate	-1,415,501.20
Effect on prior period income tax adjustment	503,530.40
Effect on non-taxable income	-657,243.07
Effect on non-deductible cost, expense and loss	1,850,564.14
Effect on use of deductible loss from unrecognized deferred tax assets in the prior period	-546,630.00
Deferred tax assets recognized for prior period temporary difference	-1,127,554.15
Effect on temporary difference or deductible loss from unrecognized deferred tax assets this year	20,404,968.93
R&D expenditure accelerated deduction	-20,664,943.68
Others	2,903,571.89
Income tax expense	11,031,699.08

59. Other comprehensive income

Refer to the note “VI.40 Other comprehensive income” for details.

60. Notes to cash flow statement

(1) Cash relevant to operating activities

1) Cash received relevant to operating activities

Items	Current year	Last year
Deposit returned	56,211,426.27	43,441,397.62
Lease premium received	34,669,117.40	14,641,754.19
Government grants	15,077,248.10	5,669,861.48
Interest income	8,914,720.67	5,128,719.77
Receivable from the 3 rd party	3,001,285.07	4,656,358.49
Compensation	2,497,389.05	10,248,694.24
Received travel expense refund	1,834,601.94	3,180,530.19
Frozen money refund	550,487.90	3,407,480.07
Others	4,072,381.79	2,065,719.26
Total	126,828,658.19	92,440,515.31

2) Cash paid relevant to operating activities

Items	Current year	Last year
Expenditure	202,530,612.54	122,463,075.59
Deposit paid	50,899,935.96	89,837,201.58
Frozen accounts	21,363,555.30	209,197.14
Business travel borrowing	8,978,717.58	6,698,577.75
Bank handling charges	3,533,466.20	1,737,635.11
Unsettled AR/AP among non-related party	181,386.21	2,896,588.50
Others	2,935,250.16	8,261,197.76
Total	290,422,923.95	232,103,473.43

(2) Cash relevant to investing activities

1) Significant cash received relevant to investing activities

Items	Current year	Last year
Cash dividend	44,342,521.09	109,215,313.16

2) Significant cash paid relevant to investing activities

Items	Current year	Last year
Purchase of long-term asset	89,321,945.50	50,713,747.56

3) Other cash paid relevant to investing activities

Items	Current year	Last year
--------------	---------------------	------------------

Fixed-term deposit	168,000,000.00	-
--------------------	----------------	---

(3) Cash relevant to financing activities

1) Other cash received relevant to financing activities

Items	Current year	Last year
Notes payable to supplier	55,956,005.87	-
Sale leaseback and financial lease	6,600,000.00	12,000,000.00
Notes discounted	3,119,926.93	11,991,047.27
Total	65,675,932.80	23,991,047.27

2) Others cash paid relevant to financing activities

Items	Current year	Last year
Payment of guarantee money	39,502,750.62	-
Notes payable to supplier	13,629,318.00	-
Sale& leaseback and financial lease	10,891,978.68	25,415,743.25
Lease premium payable	6,585,497.64	3,713,373.61
Discount interest on credit letter	80,863.54	-
Total	70,690,408.48	29,129,116.86

3) Changes on liability relevant to financing activities

Items	Opening Balance	Increased		Decreased		Closing Balance
		Cash change	Non- cash change	Cash change	Non- cash change	
Short-term borrowings	274,052,990.15	298,643,636.90	10,207,457.33	314,000,000.00	6,616,300.00	262,287,784.38
Long-term borrowings	715,100,000.00	87,000,000.00	-	27,900,000.00	94,500,000.00	679,700,000.00
Lease liability	11,230,532.05	-	29,093,821.83	15,982,846.23	206,520.68	24,134,986.97
Non-current liability due within one year	63,105,954.56	-	104,016,474.87	14,960,912.15	1,516,169.64	150,645,347.64
Long-term payable	31,009,644.16	6,600,000.00	10,845,763.56	22,948,324.57	15,175,145.85	10,331,937.30
Other payable-supplier platform	-	55,956,005.87	137,410,509.60	13,629,318.00	-	179,737,197.47
Total	1,094,499,120.92	448,199,642.77	291,574,027.19	409,421,400.95	118,014,136.17	1,306,837,253.76

61. Supplementary information of consolidated cash flow statement

(1) Information

Items	Current year	Last year
1. Adjusting net profit into cash flows of operating activities:	—	—
Net profit	54,174,539.75	20,366,757.66
Add: Provision for impairment of assets	14,405,692.66	74,825,795.00
Provision for impairment of credit	69,732,055.75	82,695,388.75
Depreciation of fixed assets, Amortization of mineral resources, and biological assets	135,625,135.60	82,258,092.89
Depreciation of right-of-use assets	11,340,839.21	3,709,086.79
Amortization of intangible assets	13,570,693.11	10,478,529.57
Amortization of long-term deferred expenses	1,545,642.28	1,455,157.51
Losses on disposal of fixed assets, intangible assets, and long-term assets (income listed with"-")	1,184,930.14	-194,556.13
Losses on write-off of fixed assets (income listed with"-")	5,471,311.26	98,130.39
Change of fair value profit or loss	-14,073,910.32	46,991,034.40
Financial expense (income listed with"-")	37,918,133.57	18,581,726.78
Investment loss (income listed with"-")	-1,106,628.72	-306,688,497.94
Decrease of deferred tax assets (increase listed with"-")	-21,471,717.58	9,978,391.90
Increase of deferred tax liabilities (decrease listed with"-")	864,530.06	-9,407,058.08
Decrease of inventories (increase listed with"-")	-257,408,322.60	-412,972,663.16
Decrease of operating receivables (increase listed with"-")	-500,972,621.69	-1,052,478,135.51
Increase of operating payables (decrease listed with"-")	424,759,029.78	1,374,055,519.82
Others	-	-
Net cash flows arising from operating activities	-24,440,667.74	-56,247,299.36
2. Significant investment and financing activities unrelated to cash income and expenses	—	—
Liabilities transferred to capital	-	-
Convertible bonds within 1 year	-	-
Financing leased fixed assets	-	-
3. Net increase (decrease) of cash and cash	—	—

Items	Current year	Last year
equivalent		
Closing balance of cash	670,440,335.98	921,661,803.17
Less: Opening balance of cash	921,661,803.17	438,969,337.87
Add: Closing balance of cash equivalent	-	-
Less: Opening balance of cash equivalent	-	-
Net increase of cash and cash equivalent	-251,221,467.19	482,692,465.30

(2) Net cash paid to acquisition of subsidiary

Items	Current year
Cash & cash equivalent paid for acquisition	145,285,500.00
Sonyo Refrigeration (Dalian) Co., Ltd.	145,285,500.00
Less: Cash & cash equivalent held by acquirees on acquisition date	133,228,548.98
Sonyo Refrigeration (Dalian) Co., Ltd.	133,228,548.98
Add: Cash & cash equivalent paid for prior period's acquisition	-
Net cash paid to acquisition of subsidiary	12,056,951.02

(3) Cash and cash equivalents

Items	Current year	Last year
Cash	670,440,335.98	921,661,803.17
Including: Cash on hand	70,750.93	80,702.47
Bank deposit used for paying at any moment	670,303,450.55	921,581,100.70
Other monetary fund for paying at any moment	66,134.50	-
Deposit fund in central bank available for payment	-	-
Cash equivalent	-	-
Including: bonds investment with maturity in 3 months	-	-
Closing balance of cash and cash equivalents	670,440,335.98	921,661,803.17
Cash and cash equivalents with restriction within the Company and its subsidiaries of the group	-	-

(4) Monetary fund not belonging to cash and cash equivalent

Items	Current year	Last year	Reasons
Fixed term deposit	168,000,000.00	-	Held to maturity
Guarantee money for bank acceptance note	44,200,486.65	48,567,322.04	Guarantee money
Guarantee money for guarantee letter	41,547,977.10	33,697,941.99	Guarantee money
Frozen	21,578,536.32	550,487.90	Frozen
Interest receivable	2,321,702.76	959,002.78	Held to maturity
Rural workers' salary account restriction	1,731,234.30	-	Special account
Rural workers guarantee fund	1,219,297.00	729,341.30	Guarantee money
Total	280,599,234.13	84,504,096.01	—

62. Change of shareholder's equity

None

63. Monetary category of foreign currency

(1) Monetary category of foreign currency

Item	Closing Balance (foreign currency)	Exchange Rate	Closing Balance (RMB)
Cash	—	—	—
Including: USD	833,133.93	7.0827	5,900,837.69
JPY	106,591,562.00	0.0502	5,352,282.10
Euro	44,150.36	7.8592	346,986.51
HK\$	93,239.38	0.9062	84,495.39
Accounts receivable	—	—	—
Including: USD	7,081,806.85	7.0827	50,158,313.38
JPY	76,615,583.00	0.0502	3,847,098.27
Euro	690,473.72	7.8592	5,426,571.06
Accounts payable	—	—	—
Including: USD	1,124,814.88	7.0827	7,966,726.35
JPY	35,741,667.00	0.0502	1,794,696.33
Other accounts payable	—	—	—
Including: JPY	8,304,510.00	0.0502	416,994.36

64. Lease

(1) As a lessee

Items	Current year	Last year
Interest expense on lease liabilities	1,043,053.19	1,259,087.12
Short-term lease expense recognized in income statement	4,114,059.87	1,650,882.62
Low-value asset lease expense recognized in income statement (excl short-term lease)	-	-
Income from the sublease of the right-of-use the assets	-	-
Sum of cash outflows related to leases	8,453,910.59	5,364,256.23
Cash inflow from sale and leaseback transactions	6,600,000.00	12,000,000.00
Cash outflow from sale and leaseback transactions	10,891,978.68	25,415,743.25

(2) As a lessor

Operating lease

Items	Lease income	Include: income related to variable lease payments not included in lease payment receivable
Office and plant	28,888,128.11	-
Apartment	106,380.96	-
Total	28,994,509.07	-

65. Research and development expense

Items	Current year	Last year
Labor cost	102,598,481.06	52,660,638.70
Material cost	20,934,040.54	12,253,575.39
Depreciation and amortization	14,685,194.95	6,409,516.10
Others	25,968,001.16	5,469,075.50
Total	164,185,717.71	76,792,805.69
Expensed R&D	164,185,717.71	76,792,805.69
Capitalized R&D	-	-

VII. Change of Consolidation Scope

1. Business combination not under same control

(1) Business combination not under same control this year

Acquire	Share acquisition point	Cost	(%)	Method	Acquisition date	Basis for determining acquisition date	Information between acquisition date and the year end		
							Revenue	Net profit	cashflow
Sonyo Refrigeration (Dalian) Co., Ltd.	2023-6-2	145,285,500.00	100.00	Purchase with cash	2023-6-2	Transfer of control	253,806,212.28	3,987,334.85	-82,362,599.35

(2) Combination cost and goodwill

Item	Sonyo Refrigeration (Dalian) Co., Ltd.
Cash	145,285,500.00
FV of non-cash asset	-
FV of shareholding held prior to acquisition on acquisition date	-
Total of combination cost	145,285,500.00
Less: proportion of FV of identifiable net asset obtained	107,228,836.48
The difference between goodwill/cost of combination less and proportion of FV of identifiable net asset obtained	38,056,663.52

(3) Identifiable asset, liability of acquiree on acquisition date

Items	Sonyo Refrigeration (Dalian) Co., Ltd.	
	FV on acquisition date	BV on acquisition date
Assets:	780,585,239.05	701,851,729.23
Monetary funds	135,690,886.90	135,690,886.90
Accounts receivable	140,250,048.25	140,250,048.25
Prepayment	5,562,914.24	5,562,914.24
Inventory	299,313,831.40	299,313,831.40
Other equity instrument investment	1,717,629.40	1,336,959.00
Fixed asset	112,691,400.61	50,374,134.76
Construction in process	1,324,905.50	1,324,905.50
Right-of-use asset	6,736,919.97	6,736,919.97
Intangible asset	36,748,493.16	20,712,919.59
Deferred tax asset	7,512,572.08	7,512,572.08
Other current asset	33,035,637.54	33,035,637.54
Liability:	673,356,402.57	661,546,376.10
Accounts payable	588,702,714.87	588,702,714.87
Employee payable	32,347,444.78	32,347,444.78
Lease liability	7,287,087.48	7,287,087.48
Deferred Tax liability	11,810,026.47	-
Other current liability	33,209,128.97	33,209,128.97
Net asset	107,228,836.48	40,305,353.13
les: Minority interest	-	-
Net asset obtained	107,228,836.48	40,305,353.13

(4) Others

None.

VIII. Interest in other entity

1. Equity of subsidiaries

(1) Organization structure of group company

Name of subsidiaries	Registered capital (10K)	Main business address	Registered address	Business nature	Shareholding (%)		Obtaining method
					Direct	Indirect	
Dalian Bingshan Group Engineering Co., Ltd.	30,000.00	Dalian	Dalian	Installation	100	-	Establish
Chengdu Bingshan Refrigeration Engineering Co., Ltd.	1,000.00	Chengdu	Chengdu	Service	-	51	Establish
Dalian Bingshan Group Sales Co., Ltd.	1,800.00	Dalian	Dalian	Trading	100	-	Establish
Dalian Bingshan Air-conditioning Equipment Co., Ltd.	8,254.00	Dalian	Dalian	Manufacturing	100	-	Establish
Dalian Bingshan Guardian Automation Co., Ltd.	5,070.07	Dalian	Dalian	Manufacturing	100	-	Establish
Dalian Bingshan-RYOSETSU Quick Freezing Equipment Co., Ltd.	5,757.87	Dalian	Dalian	Manufacturing	100	-	Establish
Wuhan New World Refrigeration Industrial Co., Ltd.	20,000.00	Wuhan	Wuhan	Manufacturing	100	-	Acquisition
Wuhan New World Air-conditioning Refrigeration Engineering Co., Ltd	3,500.00	Wuhan	Wuhan	Installation	-	100	Establish
Wuhan Lanning Energy Technology Co., Ltd.	2,200.00	Wuhan	Wuhan	Trading	-	100	Acquisition
Dalian Universe Thermal	8,000.00	Dalian	Dalian	Manufacturing	55	-	Acquisition

Name of subsidiaries	Registered capital	Main business	Registered address	Business nature	Shareholding (%)		Obtaining method
Technology Co., Ltd.							
Dalian Bingshan Engineering & Trading Co., Ltd	3,000.00	Dalian	Dalian	Service	100	-	Acquisition
Sonyo Compressor (Dalian)Co., Ltd.	44,239.67	Dalian	Dalian	Manufacturing	100	-	Acquisition
Sonyo Refrigeration System (Dalian) Co., Ltd.	10,500.00	Dalian	Dalian	Manufacturing	100	-	Acquisition
Sonyo Refrigeration (Dalian) Co., Ltd.	21,208.47	Dalian	Dalian	Manufacturing	100	-	Acquisition

- 1) All the proportion of shareholding in subsidiaries were the same with voting right.
- 2) The Company held over 50% voting right in subsidiaries and could control these subsidiaries with over 50% voting right.

(2) There are no significant non-subsidiaries.

2.Change of equity share in subsidiary which is still under control

- (1) Change of equity share in subsidiary

None.

3. Equity in joint venture arrangement or associated enterprise

(1) The important affiliated companies

Name of joint ventures or affiliated companies	Main business address	Registered address	Business nature	Shareholding (%)		Accounting methods
				Direct	Indirect	
Dalian Fuji Bingshan Vending Machine Co., Ltd	Dalian	Dalian	Manufacturing	49.00	-	Equity method
Jiangsu Jingxue Insulation Technology Co., Ltd	Changzhou	Changzhou	Manufacturing	14.91	-	Equity method
Dalian Bingshan Metal Technology Co., Ltd.	Dalian	Dalian	Manufacturing	49.00	-	Equity method

- 1) The Company has the same percentage of shareholding and voting right in joint-venture or affiliated company.
- 2) The Company doesn't have joint venture or affiliated companies which have no significant influence although being held 20% or more voting rights.

(2) The key financial information of affiliated companies

Items	Closing balance/Current year		
	Dalian Fuji Bingshan Vending Machine Co., Ltd	Jiangsu Jingxue Insulation Technology Co., Ltd	Dalian Bingshan Metal Technology Co., Ltd.
Current assets	279,515,256.77	1,513,841,724.68	334,413,727.30
Including: Cash and cash equivalents	18,195,178.30	151,387,053.19	163,052,296.71
Non-current assets	190,659,275.57	301,638,618.76	38,148,931.23
Total assets	470,174,532.34	1,815,480,343.44	372,562,658.53
Current liabilities	300,289,317.09	943,431,015.22	58,315,558.14
Non-current liabilities	32,367,401.38	40,353,776.15	-
Total liabilities	332,656,718.47	983,784,791.37	58,315,558.14
Total net asset	137,517,813.87	831,695,552.07	314,247,100.39
Minority interests	-	274,736.66	-
Equity to the parent company	137,517,813.87	831,420,815.41	314,247,100.39
Share of net assets according to the shareholding proportions	67,383,728.80	123,964,843.58	153,981,079.19
Adjusting events	-	-	-
—Goodwill	226,689.29	20,390,060.33	19,269,770.94
—Unrealized profits of insider trading	-	-	-
--Others	-	-	-
Book value of equity investment of affiliated companies	67,610,418.09	144,354,903.91	173,250,850.13

Items	Closing balance/Current year		
	Dalian Fuji Bingshan Vending Machine Co., Ltd	Jiangsu Jingxue Insulation Technology Co., Ltd	Dalian Bingshan Metal Technology Co., Ltd.
Fair value of equity investment with public offer	-	-	-
Operating income	209,845,287.10	1,152,098,034.96	464,881,380.24
Financial expense	11,084,822.85	1,934,530.46	-2,682,355.04
Income tax expense	-353,797.35	4,996,495.33	10,449,723.61
Net profit	-85,684,074.85	38,019,504.83	63,729,802.01
Net profit of discontinuing operation	-	-	-
Other comprehensive income	-	-	-
Total comprehensive income	-85,684,074.85	38,019,504.83	63,729,802.01
The current dividends received from joint ventures	-	1,610,172.00	33,134,422.30

(Continued)

Items	Opening balance/Last year		
	Dalian Fuji Bingshan Vending Machine Co., Ltd	Jiangsu Jingxue Insulation Technology Co., Ltd	Dalian Bingshan Metal Technology Co., Ltd.
Current assets	447,012,221.67	1,357,769,579.89	331,577,731.99
Including: Cash and cash equivalents	8,768,885.75	210,766,589.69	171,454,780.42
Non-current assets	220,481,862.47	302,638,265.60	36,680,264.69
Total assets	667,494,084.14	1,660,407,845.49	368,257,996.68
Current liabilities	391,692,836.48	827,081,128.54	49,800,779.28
Non-current liabilities	49,526,450.43	29,830,925.61	-
Total liabilities	441,219,286.91	856,912,054.15	49,800,779.28
Total net asset	226,274,797.23	803,046,200.14	318,457,217.40
Minority interests	-	449,591.20	-
Equity to the parent company	226,274,797.23	803,046,200.14	318,457,217.40
Share of net assets according to the shareholding proportions	110,874,650.64	119,734,188.43	156,044,036.52
Adjusting events	-	-	-
—Goodwill	226,689.29	20,390,060.33	19,269,770.94
—Unrealized profits of insider trading	-	-	-
--Others	-	-	-
Book value of equity investment of affiliated companies	111,101,339.93	140,124,248.76	175,313,807.46
Fair value of equity investment with public	-	-	-

Items	Opening balance/Last year		
	Dalian Fuji Bingshan Vending Machine Co., Ltd	Jiangsu Jingxue Insulation Technology Co., Ltd	Dalian Bingshan Metal Technology Co., Ltd.
offer			
Operating income	175,460,421.16	902,517,681.24	433,120,778.54
Financial expense	10,357,794.72	854,477.47	-7,161,210.92
Income tax expense	-10,755.71	2,621,080.54	9,728,042.54
Net profit	2,430,819.76	39,722,362.41	62,395,419.10
Net profit of discontinuing operation	-	-	-
Other comprehensive income	-	-	-
Total comprehensive income	2,430,819.76	39,722,362.41	62,395,419.10
The current dividends received from joint ventures	-	4,732,344.00	23,402,022.05

(3) Summary financial information of insignificant affiliated companies

Items	Current year	Last year
Affiliated company	—	—
Total book value of investment of affiliated companies	136,058,775.37	123,418,337.24
The total of following items according to the shareholding proportions	—	—
Net profit	3,826,157.59	28,021,453.13
Other comprehensive income	-	-
Total comprehensive income	3,826,157.59	28,021,453.13

(4) Significant restrictions of the ability of affiliated companies transferring funds to the Company.

No.

(5) Contingency related to joint venture or affiliated company need to be disclosed.

No.

IX. Government Grant

1. Liability item involved in government grant

Items	Opening Balance	Increase	Into non-operating income	Into other income	The value offset cost and expense	Closing Balance	Related to asset/income
Deferred income	82,332,725.05	4,438,585.80	-	3,850,546.24	-	82,920,764.61	asset
Deferred income	17,421,621.34	487,400.00	-	2,555,518.15	-	15,353,503.19	asset/income
Deferred income	-	5,596,143.93	-	5,596,143.93	-	-	income
Total	99,754,346.39	10,522,129.73	-	12,002,208.32	-	98,274,267.80	—

2. Recognized in income statement

Items	Current year	Last year
Other income	12,002,208.32	6,473,525.00
Administration expense	-	-5,306,977.43

X. Risk Related to Financial Instruments

The main financial instruments held by the group are borrowings, accounts receivable, accounts payable, other non-current financial asset etc. The detailed explanation is referred to the note No.VI. The related risks of these financial instruments and the risk management policy conducted to reduce these risks by the group are introduced as below. The group management conducts to manage and monitor these risks exposure and control these risks under certain risk level.

1. Objectives and policies of each risk management

The objectives of risk management conducted by the Company are to reach the balance between risk and profit return by reducing the negative influence to operating performance to the minimum level as well as maximizing the shareholders' and other investors' profits. Based on these objectives, the basic risk management policy is to recognize and analyze all sorts of risk that the Company faced with, to set up the proper risk tolerance bottom line conducting risk management, as well as to monitor these risks in a timely and effective manner, and to ensure these risks under the limit level.

(1) Market risk

1) Exchange rate risk

Most of the Company's business is located in China, and settled with RMB. But the Company defined exchange rate risk of assets, liabilities dominated in foreign currency and future transaction dominated in foreign currency (mainly including USD, JPY, EURO, HKD and GBP). The financial department of the Company monitors the Company's foreign currency transaction and the scale of foreign assets and liabilities, and decreases exchange rate risk. During the current year the Company did not agree any forward foreign exchange contract or currency swap contract .As at 31st December 2023, the Company's assets and liabilities dominated in foreign currency are listed in RMB as following:

Items	December 31, 2023	December 31, 2022
Monetary fund-USD	5,900,837.69	5,254,881.87
Monetary fund-JPY	5,352,282.10	1,367,327.65
Monetary fund- EURO	346,986.51	1,354,512.09
Monetary fund- HKD	84,495.39	-
Receivable -USD	50,158,313.38	40,859,881.78
Receivable -JPY	3,847,098.27	2,715,738.67
Receivable - EURO	5,426,571.06	7,467,708.34
Payables -USD	7,966,726.35	5,849,006.89
Payables -JPY	1,794,696.33	1,873,402.54
Payables - GBP	-	312,884.03

The group paid close attention to the effect on FX risk.

2) Interest rate risk

The interest risk of the group incurred from bank loan, risk of a floating interest rate of financial liabilities that lead to the group facing cash flow interest rate risk, financial liabilities with a fixed interest rate lead to the group facing cash flow interest rate risk. The company determined the proportion of fixed interest rate and floating interest rate according the current market circumstance. The group's interest-bearing debt is borrowings of RMB 799,000,000.00 at fixed interest rate as of December 31,2023(borrowings of RMB 740,000,000.00 in2022).

The financial department of the group continuously monitors the interest rates level, and the management would make some adjustment to lower the interest rate risk according to the latest market situation. Climbing interest rate will increase the cost of newly increased interest-bearing liability and interest expense for unsettled interest-bearing liability at floating rate and have adverse effect on the business performance.

The sensitive analysis:

As at 31st December 2023, based on the assumption of interest rate change of 50 BP, the group's net profit of current year will increase or decrease3.9955 million Yuan.

3) Price risk

The price risk of the Company is mainly commodity price risk. The Company sells products at market prices. As the national economy enters the "new normal", the manufacturing industry is under great economic downward pressure, and the drastic fluctuations of bulk material prices have a certain impact on the group 's operations.

(2) Credit risk

The credit risk of the group comes from monetary fund, notes receivable, accounts receivable, and other accounts receivable etc. The management made credit policies and monitored changes of this credit exposure.

The group 's monetary fund was in bank with higher credit rating, so there was no significant credit risk, nor significant losses due to the default of other entity. Upper limit policy is adopted to avoid any credit risk from financial institution.

The group made relevant policy to control credit risk exposure from receivable, other receivable and notes receivable. The group assesses the client's credit background according to the client's financial performance, possibility of obtaining guarantee from the 3rd party, credit record and other factors such as current market. The group will periodically monitor the credit situation of the client and will take measures such as prompt letter, shorten credit period or cancel the credit to ensure the overall credit risk within the controllable scope.

As at 31st December 2023, the top five customers of receivable accounts balance are 240,544,632.79Yuan.

(3) Liquidity risk

Liquidity risk was referred to the risk of shortage of funds incurred when the enterprise fulfills the obligation of settlement by cash or other financial assets. The way to manage the liquidity risk is to ensure enough fund available to fulfill the liability by due date in prevention from unacceptable loss of or reputation damage to the group. The group periodically analyze the liability structure and expiry date and the financial department of the group continued to monitors the short term or long-term capital needs to ensure maintain plenty of cash flow. And the same time they also monitor the condition of bank loan agreements and obtain commitments from banks to reduce liquidity risks.

The fund mainly comes from bank loan. By December 31st, 2023, the credit limit still available is 618.30 million Yuan and short-term credit limit available is 618.30 million Yuan.

As at 31st December 2023, the group's financial assets and financial liabilities in line with non-discounted cash flow of the contracts as following:

Currency unity: 10kYuan

Items	Within 1 year	1-2 years	2-5 years	Over 5 years	Total
Financial Assets	—	—	—	—	—
Cash and cash in bank	95,103.96	-	-	-	95,103.96
Notes receivable	35,342.89	-	-	-	35,342.89
Accounts receivable	157,643.39	-	-	-	157,643.39
Financing receivable	30,358.52	-	-	-	30,358.52
Other Receivable	4,138.17	-	-	-	4,138.17
Contract asset	23,707.69	-	-	-	23,707.69
Other current asset	2,607.43	-	-	-	2,607.43
Other non-current financial asset	-	-	-	16,402.48	16,402.48
Financial Liabilities	—	—	—	—	—
Short-term loan	26,228.78	-	-	-	26,228.78
Notes Payable	67,072.10	-	-	-	67,072.10
Accounts payable	165,583.54	-	-	-	165,583.54
Other payable	27,880.42	-	-	-	27,880.42
Employee's payable	14,949.71	-	-	-	14,949.71
Tax payable	2,221.65	-	-	-	2,221.65
Non-current liability due within 1 year	15,064.53	-	-	-	15,064.53
Long-term loan	-	34,600.00	32,570.00	800.00	67,970.00
Lease obligation	-	561.13	881.77	970.60	2,413.50
Long-term payable	-	208.75	824.44	-	1,033.19

2. Financial asset transfer

(1) Classified by transfer method

Transfer method	Nature	Amount	Derecognition	Basis for derecognition
Endorsement of a bill	Bank acceptance bill with high credit rating	374,572,818.64	Y	All risk and reward have been transferred
Discounting a bill	Bank acceptance bill with high credit rating	151,620,157.02	Y	All risk and reward have been transferred
Endorsement /discounting of a bill	Bank/trade acceptance bill with non-high credit rating	151,582,675.36	N	Retain mostly risk and reward including default risk
Factoring	Receivable	10,000,000.00	Y	All risk and reward have been transferred
Total	—	687,775,651.02	—	—

(2) Derecognized financial asset due to transfer

Item	Transfer method	Derecognized Amount	Gain/loss from derecognition
Bank acceptance bill with high credit rating	Endorsement of a bill	374,572,818.64	-
Bank acceptance bill with high credit rating	Discounting a bill	151,620,157.02	-1,944,537.05
Receivable	Factoring without recourse	10,000,000.00	-
Total	—	536,192,975.66	-1,944,537.05

XI. Disclosure of Fair Value

1. Amount and measurement level of the assets and liabilities measured at fair value at the year end

Items	Fair value at the year end			
	1 st level measurement of FV	2 nd level measurement of FV	3 rd level measurement of FV	Total
Financial assets				
Continuously measured at FV	—	—	—	—
Receivable financing	-	303,585,218.53	-	303,585,218.53
Other non-current financial asset	162,340,919.04	-	1,683,852.59	164,024,771.63
Total	162,340,919.04	303,585,218.53	1,683,852.59	467,609,990.16

2. Basis for Market price of first level measurement of fair value

Equity instrument portion of the other noncurrent financial asset is measured at the unadjusted closing quoted price of Guotai Junan shares on stock market on December 29, 2023.

3. For continuous and discontinuous 2nd level of FV, valuation technique adopted and key parameter quantitative and qualitative information.

Bank acceptance notes (receivable financing) as measured at fair value through other comprehensive income is within this scope. Bank acceptance notes held by the group mainly are high credit grading from the large commercial bank. As the remaining maturity is short and credit risk is very low, on the balance sheet date, the book value of bank acceptance notes receivable is similar to fair value.

4. For continuous and discontinuous 3rd level of FV, valuation technique adopted and key parameter quantitative and qualitative information.

As of December 31, 2023, the book value of the share investment in Guotai Junan Investment Management Co.,Ltd and Wuhan Steel and Power Co.,Ltd is 1,683,852.59 Yuan. It is presented as other non-current financial asset in accordance with No.22- financial instrument recognition and measurement of Accounting Standards for Business Enterprises. Having considered there is neither active market for invested company's share nor market price is available for reference, and it is not feasible to obtain the relevant observable input value. FV of the investment is measured at cost by taking influence factor of FV into consideration.

5. For continuous 3rd level of FV, adjusted information of opening and closing balance and sensitivity analysis of unobservable parameter.

No.

6. Assets continuously measured at fair value have switched among different level during the year.

No.

7. Changes of valuation technique and reasons for changes

No.

8. Assets and liability are disclosed at FV rather than measured at FV

No.

XII. Related Parties Relationship and Transactions

i. Related parties' relationship

1. Controlling shareholder and ultimate controller

(1) Controlling shareholder and ultimate controller

Parent company	Registered address	Business nature	Registered capital (10K)	Shareholding percentage (%)	Voting power percentage (%)
Dalian Bingshan Group Co., Ltd.	Dalian	Manufacture	15,858.00	20.27	20.27

Note: Dalian Bingshan Group Co., Ltd. is a Sino –foreign joint venture located No.106 Liaohe East Road, DDZ, Dalian, China. The legal representative of Dalian Bingshan Group Co., Ltd. is Mr. Ji Zhijian, and the registered capital is RMB158.58 million. The registered business operation period is from 3rd July 1985 to 2nd July 2035. The business scope includes research, development, manufacture, sales, service and installment of refrigeration equipment, cooling and freezing equipment, different size of air-conditioners, petrochemical equipment, electronic and electronic- control products, home electronic appliance, environment protect equipment and etc. (unless the licenses needed)

The Company's ultimate controller is Dalian Bingshan Group Co., Ltd.

2. Subsidiaries

Referrer to the content in the Note "VIII. 1. (1) Organization structure of group company".

3. Affiliated company and joint venture

The information of the affiliated company and joint venture please refers to the note “VIII. 3.(1) The significant affiliated company and joint venture’. The Company had transactions with related parties during the current period or last period, including:

Names of the joint ventures or affiliated company	Relationships with the Company
Keinin-Grand Ocean Thermal Technology (Dalian) Co., Ltd.	Affiliated company of the Company
Dalian Fuji Bingshan Vending Machine Co., Ltd.	Affiliated company of the Company
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd.	Affiliated company of the Company
Jiangsu Jingxue Insulation Technology Co., Ltd.	Affiliated company of the Company
MHI Bingshan Refrigeration (Dalian) Co., Ltd.	Affiliated company of the Company
Dalian Honjo Chemical Co., Ltd.	Affiliated company of the Company
Dalian Bingshan Metal Technology Co., Ltd.	Affiliated company of the Company
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd.	Affiliated company of the Company
Wuhan Sikafu Power Control Equipment Co., Ltd.	Affiliated company of its subsidiary
Dalian Bingshan Group Huayida Commercial Factoring Co., LTD	Subsidiary of its affiliated company
Dalian Jingxue Freezing Equipment Co., Ltd.	Subsidiary of its affiliated company
Shanghai Jingxue Freezing Equipment Co., Ltd.	Subsidiary of its affiliated company
Jiangsu Jingxue Insulation Environmental Engineering Co., Ltd.	Subsidiary of its affiliated company

4. Other related parties

Name of related party	Related party relationship
Company under direct/indirect Control of Panasonic Co., Ltd	Both parties are under the control of or significant influence by the same party
Sanyo Corporation	Both parties are under the control of or significant influence by the same party
Panasonic Corporation of China Co., Ltd	Directors of the Company also serve as directors
Dalian Spindle Environmental Facilities Co., Ltd.	Both parties are under the control of or significant influence by the same party
LINDE HYDROGEN FUELTECH (DALIAN) CO., LTD.	Both parties are under the control of or significant influence by the same party
Dalian Shentong Electric Co., Ltd.	Both parties are under the control of or significant influence by the same party from January to April, 2023
Dalian Fuji Bingshan Control System Co., Ltd.	Both parties are under the control of or significant influence by the same party

Name of related party	Related party relationship
BAC Dalian Co., Ltd.	Both parties are under the control of or significant influence by the same party
Dalian Bingshan Wisdom Park Co., Ltd	Both parties are under the control of or significant influence by the same party
Dalian Bingshan Part Technology Co., LTD.	Under control of the same ultimate controlling party
Alphavita Bio-scientific (Dalian) Co., Ltd.	Under control of the same ultimate controlling party
Bingshan Technology Service (Dalian) Co., Ltd.	Under control of the same ultimate controlling party
Dalian Zhonghuida Refrigeration Technology Co., Ltd	Directors and senior officers of the Company serve as directors and senior officers in Dalian Zhonghuida Refrigeration Technology Co., Ltd Company
Sonyo Cold Chain (Dalian) Co., Ltd.	Both parties are under the control of or significant influence by the same party from April to December, 2023

Note: Companies under direct/indirect Control of Panasonic Co., Ltd are:

Panasonic Electric Taiwan Co.,Ltd, Wanbao(Guangzhou) Compressor Co.,Ltd, Panasonic Electronic Devices(Jiangmen)Co.,Ltd, Panasonic R&D Center Suzhou Co.,Ltd Dalian Branch, Panasonic Procurement(CHINA)Co.,Ltd, Panasonic Industry (China) Co., Ltd. Panasonic Corporation, Panasonic Industry (China) Co., Ltd Shanghai Branch, Beijing 2nd Branch of Panasonic Electric Equipment (China) Co.,Ltd, Panasonic Electric Equipment (China) Co.,Ltd, Panasonic Appliances Air-Conditioning and Refrigeration Corporation, Panasonic Appliances Microwave Oven(Shanghai) Co.,Ltd, Panasonic Motor(Hangzhou)Co.,Ltd., Panasonic Home Appliances Air-Conditioning(Guangzhou)Co.,Ltd., Panasonic Hong Kong Co., Limited, PANASONIC PROCUREMENT (CHINA) CO., LTD. Sonyo Refrigeration (Dalian) Co., Ltd.(Jan-May, 2023), Sonyo Cold Chain (Dalian) Co., Ltd.(Jan-Mar, 2023).

Panasonic Appliances Air-Conditioning Malaysia SDN BHD, Panasonic Taiwan CO.,LTD., Panasonic Sales Taiwan CO.,LTD, Panasonic Procurement Malaysia SDN BHD, Panasonic Hong Kong Co.,Ltd, Panasonic Operational Excellence Co.,Ltd.(Pex), Panasonic Life Solutions India, Panasonic Industry Sales Asia, Panasonic Industry Europe GmbH, Panasonic Industrial Devices Sales, Panasonic India Pvt Ltd(APIN), Panasonic Global Procurement, Panasonic DoBrasil Limited–Miami, Panasonic Corporation Appliances Company Heating&Cooling Solutions Bd Commercial Air-Conditioning, Panasonic Corporation Appliances Company, Panasonic Corporation, Panasonic Commercial Equipment Systems Taiwan Co.Ltd, Panasonic Commercial Equipment Systems Asia, Panasonic Automotive&Industrial, Panasonic Appliances Air-Conditioning Malaysia Sdn.BHD, Panasonic Appliances Air-Conditioning, Pacific. Panasonic Commercial Equipment Systems Asia Pacific, Panasonic Heating&Ventilation, Panasonic Appliances Air-conditioning, Panasonic A.P. SALES (THAILAND) CO., LTD

ii. Related Party transactions

1. Purchase of goods, offer and receive labour services etc inter-group transactions

(1) Purchase of goods/receive labour services

Related party	Content	Current year	Last year
Dalian Bingshan Metal Technology Co., Ltd.	Purchases of goods	63,809,032.17	10,017,493.41
Sonyo Cold Chain (Dalian)Co. Ltd	Purchases of goods	40,499,927.26	135,529.36
Jiangsu Jingxue Insulation Technology Co., Ltd.	Purchases of goods	28,067,092.90	5,390,801.78
BAC Dalian Co., Ltd.	Purchases of goods	18,579,088.19	32,827,251.97
Company under direct/indirect Control of Panasonic Co., Ltd	Purchases of goods	13,763,555.55	24,447,037.82
Dalian Bingshan Part Technology Co., LTD.	Purchases of goods	10,775,437.38	10,938,171.74
Dalian Honjo Chemical Co., Ltd	Purchases of goods	10,305,185.60	140,522.12
Bingshan Technology Service (Dalian) Co., Ltd.	Purchases of goods	5,575,811.09	2,047,836.64
Dalian Fuji Bingshan Control System Co., Ltd.	Purchases of goods	5,029,475.45	1,718,811.27
Alphavita Bio-scientific (Dalian) Co., Ltd.	Purchases of goods	4,466,987.61	-
Bingshan Technology Service (Dalian) Co., Ltd.	Receive labor services	2,011,933.16	303,037.68
Dalian Shentong Electric Co., Ltd.	Purchases of goods	1,680,077.95	9,480,036.79
Company under direct/indirect Control of Panasonic Co., Ltd	Receive labor services	1,621,316.09	-
Dalian Fuji Bingshan Vending Machine Co., Ltd	Purchases of goods	505,497.50	753,944.37
Dalian Spindle Environmental Facilities Co., Ltd	Purchases of goods	780,949.56	1,407,486.73
Dalian Bingshan Wisdom Park Co., Ltd	Purchases of goods	80,441.60	100,943.39
Dalian Bingshan Wisdom Park Co., Ltd	Receive labor services	47,169.81	-
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd	Purchases of goods	35,398.23	78,761.06
Dalian Bingshan Group Co., Ltd.	Receive labor services	24,452.83	18,792.45
Shanghai Jingxue Freezing Equipment Co., Ltd	Purchases of goods	-	19,584.07
Sonyo Refrigeration System (Dalian) Co., Ltd.	Purchases of goods	-	4,947,268.89
Sonyo Compressor (Dalian) Co., Ltd.	Purchases of goods	-	429,782.52
Total	—	207,658,829.93	105,203,094.06

(2) Sales of goods/ labour services provision

Related party	Content	Current year	Last year
Company under direct/indirect Control of Panasonic Co., Ltd	Sales of goods	285,292,151.76	147,935,120.42
Sonyo Cold Chain (Dalian) Co., Ltd	Sales of goods	138,639,729.84	122,871,855.60

Related party	Content	Current year	Last year
BAC Dalian Co., Ltd	Sales of goods	69,977,098.57	65,002,512.47
Bingshan Technology Service (Dalian) Co., Ltd.	Sales of goods	32,203,558.67	40,641,988.78
Dalian Fuji Bingshan Vending Machine Co., Ltd	Sales of goods	16,843,047.06	18,327,608.54
Dalian Bingshan Wisdom Park Co., Ltd	Sales of goods	13,402,551.72	323,553.82
MHI Bingshan Refrigeration (Dalian) Co., Ltd.	Sales of goods	7,181,290.12	5,537,667.76
Alphavita Bio-scientific (Dalian) Co., Ltd.	Sales of goods	4,522,436.41	9,532,891.46
Dalian Spindle Environmental Facilities Co., Ltd	Sales of goods	3,665,307.02	3,240,535.34
Dalian Honjo Chemical Co., Ltd	Sales of goods	1,863,564.01	91,981.13
Dalian Bingshan Part Technology Co., LTD	Sales of goods	1,742,813.23	1,395,237.01
Linde Hydrogen Fueltech (Dalian) Co., Ltd	Sales of goods	794,939.42	1,309,485.55
Dalian Fuji Bingshan Control System Co., Ltd.	Sales of services	414,608.77	-
Dalian Fuji Bingshan Control System Co., Ltd.	Sales of goods	153,752.97	654,160.22
Dalian Bingshan Wisdom Park Co., Ltd	Sales of services	141,509.43	-
Dalian Shentong Electric Co., Ltd	Sales of goods	120,092.03	522,107.10
Dalian Jinxue Freezing Equipment Co., Ltd	Sales of goods	96,698.39	102,957.82
Dalian Bingshan Group Co., Ltd.	Sales of service	43,018.86	-
Dalian Bingshan Group Co., Ltd.	Sales of goods	26,445.02	-
Sonyo Compressor (Dalian)Co., Ltd.	Sales of goods	-	41,055,441.71
Sonyo Refrigeration System (Dalian) Co., Ltd.	Sales of goods	-	23,645,169.22
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	Sales of goods	-	18,888,460.18
Jiangsu Jinxue Insulation Technology Co., Ltd	Sales of goods	-	2,524,416.77
Total	—	577,124,613.30	503,603,150.90

(3) Assets Lease

(1) Assets rent out

Lessee	Category of assets rent out	Current year Lease Income	Last year Lease Income	
			Current year	Last year
Dalian Bingshan Wisdom Park Co., Ltd	Land/property	9,013,347.56	8,189,918.99	
MHI Bingshan Refrigeration (Dalian) Co., Ltd.	Plant	3,809,523.80	3,809,523.80	
Linde Hydrogen Fueltech (Dalian) Co., Ltd	Plant	2,360,040.71	2,759,026.37	
Sonyo Cold Chain (Dalian)Co. Ltd	Plant /Employee dormitory	2,160,513.31	3,465,470.95	
Company under direct/indirect Control of Panasonic Co., Ltd	Plant/ office / dormitory	1,483,508.26	336,180.42	
Dalian Jingxue Freezing Equipment Co., Ltd.	Plant and office	784,927.88	858,322.40	
Wuhan Sikafu Power Control Equipment Co., Ltd	Plant	721,045.88	730,954.13	
Bingshan Technology Service (Dalian) Co., Ltd.	Plant and office	355,081.77	443,699.06	
Dalian Bingshan Part Technology Co., Ltd.	Plant and office	194,954.13	-	
Dalian Bingshan Group Co., Ltd.	Office	66,055.05	132,110.09	
Dalian Spindle Environmental Facilities Co., Ltd.	Office	20,069.72	-	

(2) Assets under lease

Lessor	Category of assets rent in	Lease premium paid	
		Current year	Last year
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	Fixed asset	25,173,657.70	28,659,750.85

(Continued)

Lessor	Interests on lease liabilities		Increased right-of-use assets	
	Current year	Last year	Current year	Last year
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	2,067,080.20	698,321.11	-	-26,150,305.01

(4) Warranty provided by Related Parties

The national development fund planned to support the Company's intelligent and green equipment of cold chain and service industry base project, and provide the special fund to the

controlling shareholder of the Company, Bingshan Group. Please refer to the “Note VI. 33 long term borrowings”.

Funds borrow from /lent to related party

Name of the related party	Amount	Starting date	Ending date	Explanation
Dalian Bingshan Group Co., Ltd.	160,000,000.00	2016.03.14	2026.03.13	Project fund investment
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	32,833,000.00	2022.09.29	2024.09.28	Factoring
Dalian Bingshan Group Huayida Commercial Factoring Co., Ltd	15,000,000.00	2023.12.25	2024.12.24	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	13,805,309.73	2021.11.10	2026.11.09	Sale and leaseback
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	12,000,000.00	2022.01.07	2025.01.06	Sale and leaseback
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	10,000,000.00	2023.01.09	2024.01.08	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	10,000,000.00	2021.05.20	2024.05.19	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	6,600,000.00	2023.02.24	2025.02.23	Sale and leaseback
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	5,481,000.00	2022.06.20	2024.06.19	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	4,559,849.17	2023.08.31	2024.08.30	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	3,499,485.17	2023.10.10	2024.10.09	Factoring
Dalian Bingshan Group Huayida Commercial Factoring Co., Ltd	2,367,580.50	2023.12.22	2024.12.21	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	1,876,663.49	2021.06.10	2024.06.09	Sale and leaseback
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	1,531,366.55	2023.09.08	2024.09.07	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	731,470.43	2023.10.17	2024.10.16	Factoring
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	499,200.00	2023.05.22	2024.05.21	Factoring

Dalian Bingshan Group Huayida Commercial Factoring Co., Ltd	422,547.10	2023.12.08	2024.06.07	Factoring
Dalian Bingshan Group Huayida Commercial Factoring Co., Ltd	237,454.60	2023.12.05	2024.06.04	Factoring
Dalian Bingshan Group Huayida Commercial Factoring Co., Ltd	163,920.00	2023.12.15	2024.12.14	Factoring

(5) Asset transfer and debt restructuring among the related parties

Item	Transaction	Current year	Last year
Sanyo Corporation	Purchase shareholdings of affiliated company	87,171,300.00	929,148,000.00
Panasonic Corporation of China Co., Ltd	Purchase shareholdings of affiliated company	58,114,200.00	44,582,760.00
Dalian Bingshan Group Co., Ltd	Sold shareholdings of subsidiary	-	14,756,300.00
Dalian Zhonghuida Refrigeration Technology Co., Ltd	Sold shareholdings of subsidiary	-	6,472,000.00
Panasonic Corporation of China Co., Ltd	Sold shareholdings of affiliated company	-	70,990,000.00
Sonyo Cold Chain (Dalian) Co., Ltd	Purchase shareholdings of affiliated company	-	37,152,300.00
Total	—	145,285,500.00	1,103,101,360.00

The 13rd meeting of the 9th directors' meeting approved the acquisition of 40% of the shareholdings of Sonyo Refrigeration (Dalian) Co. Ltd which is held by Panasonic Corporation of China Co., Ltd, and 60% shareholdings of Sonyo Refrigeration (Dalian) Co. Ltd which is held by Sanyo Electric (China) Co., Ltd. The share transfer price is based on the assessed value of net assets of Sonyo Refrigeration (Dalian)Co. Ltd on March 31, 2023, and the transfer price is 145.2855 million Yuan, of which 87.1713 million Yuan to Panasonic Corporation of China Co., Ltd and 58.1142 million Yuan to Sanyo Electric (China) Co., Ltd. After the transaction, Sonyo Refrigeration (Dalian) Co. Ltd becomes the subsidiary of the Company.

(6) Management Remuneration

Item	Current year	Last year
Total remuneration	5,033,700.00	4,895,800.00

(7) Other transactions with related party

None

iii. Balances with Related party

1. Accounts receivable due from related parties

Item	Related party	Closing Balance	
		Book Balance	Bad debt Provision
Accounts receivable	Sonyo Cold Chain (Dalian)Co. Ltd	84,045,272.25	4,997,695.76
Accounts receivable	BAC Dalian Co., Ltd	28,426,981.24	1,995,574.08
Accounts receivable	Company under direct/indirect Control of Panasonic Co., Ltd	12,595,875.91	174,589.96
Accounts receivable	Dalian Bingshan Wisdom Park Co., Ltd	10,199,546.41	807,170.38
Accounts receivable	Dalian Fuji Bingshan Vending Machine Co., Ltd	6,270,661.55	440,200.44
Accounts receivable	MHI Bingshan Refrigeration (Dalian) Co., Ltd.	3,390,197.07	237,991.83
Accounts receivable	Alphavita Bio-scientific (Dalian) Co., Ltd.	2,791,425.71	200,691.99
Accounts receivable	Dalian Bingshan Part Technology Co., LTD	1,606,085.44	52,796.80
Accounts receivable	Dalian Spindle Environmental Facilities Co., Ltd	1,072,064.56	75,258.93
Accounts receivable	Bingshan Technology Service (Dalian) Co., Ltd.	965,375.22	67,769.34
Accounts receivable	Linde Hydrogen Fueltech (Dalian) Co., Ltd	909,470.99	139,380.02
Accounts receivable	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	138,450.00	9,719.19
Accounts receivable	Dalian Fuji Bingshan Control System Co., Ltd.	54,200.00	6,410.69
Other receivable	Bingshan Technology Service (Dalian) Co., Ltd.	100,000.00	100,000.00
Other receivable	Dalian Fuji Bingshan Vending Machine Co., Ltd	48,000.00	7,608.00
Other receivable	Wuhan Sikafu Power Control Equipment Co., Ltd.	4,287.61	156.93
Prepayment	Jiangsu Jingxue Insulation Technology Co., Ltd.	4,088,975.80	-
Prepayment	Company under direct/indirect Control of Panasonic Co., Ltd	1,152,192.68	-

Item	Related party	Closing Balance	
		Book Balance	Bad debt Provision
Prepayment	Sonyo Cold Chain (Dalian)Co. Ltd	636,235.00	-
Prepayment	BAC Dalian Co., Ltd	216,191.11	-
Prepayment	Dalian Fuji Bingshan Vending Machine Co., Ltd	176,869.45	-
Prepayment	Dalian Fuji Bingshan Vending Machine Sales Co., Ltd.	77,000.00	-
Prepayment	Bingshan Technology Service (Dalian) Co., Ltd.	74,297.11	-
Prepayment	Dalian Bingshan Part Technology Co., LTD	13,806.00	-
Contract asset	Dalian Bingshan Wisdom Park Co., Ltd	550,000.00	38,610.00

(Continued)

Item	Related party	Opening Balance	
		Book Balance	Bad debt Provision
Accounts receivable	Company under direct/indirect Control of Panasonic Co., Ltd	145,605,125.57	11,219,927.46
Accounts receivable	BAC Dalian Co., Ltd	17,739,655.64	1,245,323.82
Accounts receivable	Dalian Fuji Bingshan Vending Machine Co., Ltd	7,292,421.55	548,862.49
Accounts receivable	Bingshan Technology Service (Dalian) Co., Ltd.	5,804,599.87	426,864.25
Accounts receivable	MHI Bingshan Refrigeration (Dalian) Co., Ltd.	3,981,739.22	279,518.10
Accounts receivable	Dalian Bingshan Part Technology Co., LTD	2,426,739.72	250,341.12
Accounts receivable	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	2,411,867.26	169,313.08
Accounts receivable	Alphavita Bio-scientific (Dalian) Co., Ltd.	1,224,109.36	85,932.48
Accounts receivable	Dalian Bingshan Wisdom Park Co., Ltd	1,139,243.27	255,895.91
Accounts receivable	Linde Hydrogen Fueltech (Dalian) Co., Ltd	841,284.21	59,058.15
Accounts receivable	Dalian Spindle Environmental Facilities Co., Ltd	750,121.11	52,658.50
Accounts receivable	Dalian Fuji Bingshan Control System Co., Ltd.	550,800.00	49,630.32
Accounts receivable	Dalian Shentong Electric Co., Ltd	94,897.33	6,661.79
Contract asset	Company under direct/indirect Control of Panasonic Co., Ltd	1,982,037.10	612,603.41
Contract asset	Dalian Bingshan Wisdom Park Co., Ltd	109,569.10	19,340.79

Item	Related party	Opening Balance	
		Book Balance	Bad debt Provision
Prepayment	Dalian Shentong Electric Co., Ltd	8,402,006.53	-
Prepayment	Company under direct/indirect Control of Panasonic Co., Ltd	3,825,488.41	-
Prepayment	Bingshan Technology Service (Dalian) Co., Ltd.	825,789.25	-
Prepayment	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	308,310.02	-
Prepayment	BAC Dalian Co., Ltd	58,513.00	-
Prepayment	Dalian Spindle Environmental Facilities Co., Ltd	36,455.00	-
Other receivable	Dalian Fuji Bingshan Vending Machine Co., Ltd	278,020.00	10,175.53
Other receivable	Bingshan Technology Service (Dalian) Co., Ltd.	100,000.00	69,410.00

2. Accounts Payable due from Related Party

Item	Related party	Closing Balance	Opening Balance
Accounts Payable	Jiangsu Jingxue Insulation Technology Co., Ltd	65,052,640.75	68,660,038.43
Accounts Payable	BAC Dalian Co., Ltd	21,731,458.82	20,678,948.10
Accounts Payable	Sonyo Cold Chain (Dalian)Co., Ltd	10,067,451.24	-
Accounts Payable	Dalian Bingshan Metal Technology Co., Ltd	9,745,165.83	14,347,841.71
Accounts Payable	Dalian Honjo Chemical Co., Ltd.	6,672,533.86	-
Accounts Payable	Dalian Bingshan Part Technology Co., LTD	6,266,070.43	7,264,112.80
Accounts Payable	Jiangsu Jingxue Insulation Environmental Engineering Co., Ltd	2,896,300.00	2,896,300.00
Accounts Payable	Company under direct/indirect Control of Panasonic Co., Ltd	864,418.25	11,517,452.19
Accounts Payable	Dalian Spindle Environmental Facilities Co., Ltd	794,006.00	1,247,400.00
Accounts Payable	Dalian Fuji Bingshan Control System Co., Ltd.	502,571.47	1,942,256.73
Accounts Payable	Bingshan Technology Service (Dalian) Co., Ltd.	126,241.74	282,405.30
Accounts Payable	Dalian Shentong Electric Co., Ltd	-	1,396,176.88
Other payable	Dalian Bingshan Group Huayida Commercial Factoring Co., Ltd.	15,000,000.00	-
Other payable	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd.	7,407,941.90	-

Item	Related party	Closing Balance	Opening Balance
Other payable	Company under direct/indirect Control of Panasonic Co., Ltd	3,273,305.50	4,502,046.38
Other payable	Bingshan Technology Service (Dalian) Co., Ltd.	104,625.50	-
Other payable	Sonyo Cold Chain (Dalian)Co., Ltd	91,779.71	-
Other payable	Jiangsu Jingxue Insulation Environmental Engineering Co., Ltd	70,000.00	666,864.48
Other payable	MHI Bingshan Refrigeration (Dalian) Co., Ltd.	-	170,000.00
Other payable	Dalian Jingxue Freezing Equipment Co., Ltd.	-	70,000.00
Other payable	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd.	-	1,172.61
Contract liability	Bingshan Technology Service (Dalian) Co., Ltd.	2,337,426.58	-
Contract liability	Linde Hydrogen Fueltech (Dalian) Co., Ltd	2,138,974.27	2,274,454.09
Contract liability	Company under direct/indirect Control of Panasonic Co., Ltd	313,952.83	1,299,686.95
Contract liability	Sonyo Cold Chain (Dalian)Co. Ltd	35,605.27	-
Contract liability	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	-	4,206,191.86
Contract liability	Dalian Spindle Environmental Facilities Co., Ltd	-	736,424.50
Other current liability	Linde Hydrogen Fueltech (Dalian) Co., Ltd	319,616.84	-
Other current liability	Bingshan Technology Service (Dalian) Co., Ltd.	303,865.45	-
Other current liability	Company under direct/indirect Control of Panasonic Co., Ltd	35,021.95	130,044.39
Other current liability	Sonyo Cold Chain (Dalian)Co., Ltd	4,628.68	-
Other current liability	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	-	546,804.94
Other current liability	Dalian Spindle Environmental Facilities Co., Ltd	-	81,006.69
Lease payable	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	656,980.83	983,501.51
Non-current liability due within 1 year	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	25,140,961.04	34,388,781.83
Long-term payable	Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	10,331,937.30	31,009,644.16
Short-term borrowing	Dalian Bingshan Group Huayida Commercial Factoring Co., Ltd.	2,976,345.47	-

iv. Related Party Commitment

None

v. Others

None

XIII. Share-Based Payment

None

XIV. Contingency & commitment

1. Commitment

None

2. Contingency

Up to December 31, 2023, guarantee obligations undertaken by the Company due to financial leasing.

The Company sold refrigerating house equipment to Guizhou Pubu Cold Chain Food Investment Co., Ltd (“Pubu Cold Chain”) in the form of financial leasing. The Company as a seller signed finance lease contract with Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd (hereinafter referred to as ‘Huahuida’) as both a buyer and a lessor and Pubu Cold Chain as a lessee. The contract price is 25.705million Yuan. In case the lease premium is delayed by the lessee, the Company needs to pay lease premium on behalf of the lessee and be obliged to the buy back responsibility. Pubu Cold Chain issued an unconditional, irrevocable and joint liability counter guarantee, and the Company is the beneficiary. Guarantee scope covers the full liability because of the sales in the form of finance lease. As at 31 December 2023, the balance of the guarantee obligation of the financial lease is RMB 6.5958million Yuan.

The Company sold water chiller and heat pump to Shangdong Jiechuang Energy Technology Co., Ltd (“Shandong Jiechuang”) in the form of financial lease. The Company as a seller signed finance lease contract with Huahuida as both a buyer and a lessor and Shandong Jiechuang as a lessee. The contract price is 6.998million Yuan. Shandong Jiechuang had made 10% down payment, and remaining 6.2982million Yuan is underlined the leasing contract amount. In case the lease premium is delayed by the lessee, the Company needs to pay lease premium on behalf of the lessee and be obliged to the buy back responsibility. Shandong Jiechuang issued an unconditional, irrevocable and joint liability counter guarantee, and the Company is the beneficiary. Guarantee scope covers the full liability because of the sales in the form of financial lease. As at 31 December 2023, the balance of the guarantee obligation of the financial lease is RMB4.4262 million Yuan.

The Company sold refrigerating house equipment to Liuyang Zhongjie Technology Investment Co., Ltd (“Liuyang Zhongjie”) in the form of financial lease. The Company as a seller signed finance lease contract with Huahuida as both a buyer and a lessor and Liuyang Zhongjie as a lessee. The contract price is 9.831million Yuan. In case the lease premium is delayed by the lessee, the Company needs to pay lease premium on behalf of the lessee and be obliged to the buy back responsibility. Liuyang Zhongjie issued an unconditional, irrevocable and joint liability counter guarantee, and the Company is the beneficiary. Guarantee scope covers the full liability because of the sales in the form of financial lease. As at 31 December, 2023, the balance of the guarantee obligation of the financial lease is RMB 5.3227million Yuan.

The Company sold refrigeration equipment, air conditioning and production line equipment to Shanxi Yiming Food Co., Ltd (‘Shanxi Yiming’) in the form of financial lease. The Company as a seller signed finance lease contract with Huahuida as both a buyer and a lessor and Shanxi Yiming as a lessee. The contract price is 28.2311million Yuan. In case the lease premium is delayed by the lessee, the Company needs to pay lease premium on behalf of the lessee and be obliged to the buy back responsibility. Shareholders Shanxi Yiming and nature person issued an unconditional, irrevocable and joint liability counter guarantee, and the Company is the beneficiary. Guarantee scope covers the full liability because of the sales in the form of financial lease. As at 31 December, 2023, the balance of the guarantee obligation of the financial lease is RMB 23.1802million Yuan.

Dalian Bingshan-RYOSETSU Quick Freezing Equipment Co.,Ltd (‘Bingshan-RYOSETSU’), the subsidiary of the Company sold refrigeration equipment to Jilin Fuyu Agricultural Technology Co., Ltd (‘Jinlin Fuyu’) in the form of financial lease. Bingshan-RYOSETSU as a seller signed finance lease contract with Huahuida as both a buyer and a lessor and Jinlin Fuyu as a lessee. The contract price is 20.50million Yuan. In case the lease premium is delayed by the lessee, Bingshan- RYOSETSU needs to pay lease premium on behalf of the lessee and be obliged to the buy back responsibility. Shareholders Jinlin Fuyu and nature person issued an unconditional, irrevocable and joint liability counter guarantee, and Bingshan- RYOSETSU is the beneficiary. Guarantee scope covers the full liability because of the sales in the form of financial lease. As at 31 December, 2023, the balance of the guarantee obligation of the financial lease is RMB 18.8146million Yuan.

Until 31 December, 2023, the balance of all guarantee obligation of the financial lease is RMB 58.3395 million Yuan. There is no situation where the Company needs to undertake the liability as the lessees’ default.

There are no other significant or contingent matters to be disclosed until December, 2023

XV. Events after the Balance Sheet Date

1. Unadjusted significant events

None

2. Information about profit distribution

Item	Content
Planned profit/ dividend distribution	25,296,375.21
Profit/dividend approved for distribution declaration	The 12 nd meeting of the 9 th generation of board approved the profit appropriation policy for the year of 2023, based on 843,212,507.00 numbers of share in total, paying out cash dividend of 0.3Yuan for every 10 shares (before tax) and cash dividend of B shares are paid in Hong Kong dollars.

3. Sales Return

There is no significant sales return after the balance sheet date.

4. Others

Except the subsequent event disclosed above, the Company has no other significant subsequent event.

XVI. Other Significant Events

1. Error correction and effect in previous period

No.

2. Debt Restructuring

In 2023, Bingshan Group Engineering Co., Ltd, Tianjin Sunac Shengyuan Real Estate Co., LTD. (hereinafter referred to as "Tianjin Sunac") and Guangzhou Wanda Cultural Tourism City Investment Co., LTD. (hereinafter referred to as "Guangzhou Wanda Cultural Tourism") signed a commercial contract, and Guangzhou Wanda Cultural Tourism will repay the debt to Bingshan Group Engineering Co., Ltd with the right-of -use of 17 apartments and parking space that it subscribed for Tianjin SunAC. The price of the house and parking space is 21.707 million Yuan, the debt written off amount is 15.22 million yuan, and Bingshan Group Engineering Co., Ltd pays the difference of 6.5476 million Yuan in cash. Bingshan Group Engineering Co., Ltd paid a total of 6.54 million Yuan in two separate payments in 2023, and the above properties have completed the record registration of the contract in the Tianjin Municipal Commission of Housing and Construction in 2023.

3. Asset exchange

(1) The exchange of non-monetary assets

No.

(2) The exchange of other assets

No.

4. Annuity Plan

No.

5. Operation termination

No.

6. Segment Information

The management of the group divided the business into 2 segments based on the geographic area: Northeast China and Central China. The Northeast is the Company's general headquarters and the subsidiaries registered in Dalian. The Central includes Chengdu Bingshan Refrigeration Engineering Co., Ltd, Wuhan New World Refrigeration Industrial Co., Ltd and its subsidiary, Wuhan Lanning Energy Technology Co., Ltd. and Wuhan New World Air-conditioning Refrigeration Engineering Co., Ltd.

(1) The basis and accounting policies of reporting segments

The internal organization structure, management requirements and internal report scheme are the determination basis for the Company to set the operating segments. The segments are those satisfied the following requirements.

- 1). The segment can generate revenue and incur expenses.
- 2). The management personnel can regularly evaluate the operation results of segments and allocate resource, assess its performance.
- 3). The financial situation, operation results, cash flow and other accounting information of segments can be acquired.

The group confirms the report segments based on the operating segments. The transfer price among segments is set base on the market price. The assets and related expenses in common use are allocated to different segments based on their proportion of revenue.

(2) The financial information of reporting segments

Amount unit : Ten thousand Yuan

Items	Northeast China	Central China	Offset	Total
1 Operating income	530,652.74	32,697.34	-81,755.93	481,594.15

Items	Northeast China	Central China	Offset	Total
2 Cost	452,202.87	28,961.85	-80,604.97	400,559.75
Impairment loss on assets	-1,598.13	-19.38	176.94	-1,440.57
Impairment loss on credit	-5,471.28	-825.92	-676.01	-6,973.21
Depreciation and amortization	14,208.67	833.36	-	15,042.03
3 Investment income from associates and joint venture	-430.08	45.75	-104.14	-488.47
4 Operating profits(loss)	23,385.81	-1,695.78	-15,169.41	6,520.62
5 Income tax	1,117.34	89.36	-103.53	1,103.17
6 Net profit(loss)	22,268.47	-1,785.14	-15,065.88	5,417.45
7 Total assets	1,068,080.89	47,663.74	-299,459.80	816,284.83
8 Total liabilities	548,471.77	36,864.46	-79,455.64	505,880.59

(3) Others

None

7. Other important transactions and matters affect the investor's decision

The group hasn't had other important transactions and matters affect the investor's decision in this period.

XVII. Notes to the Main Items of the Financial Statements of Parent Company

1. Accounts receivable

(1) Bad debt provisions under accounting aging analysis method:

Aging	Closing Balance	Opening Balance
Within 1 year	457,075,717.70	536,467,765.87
1-2 years	124,339,052.45	71,727,073.34
2-3 years	58,073,083.27	56,755,645.42
Over 3 years	109,679,441.52	72,661,252.26
3-4 years	49,782,646.14	3,330,453.62
4-5 years	2,186,288.76	21,498,453.03
Over 5 years	57,710,506.62	47,832,345.61
Total	749,167,294.94	737,611,736.89

(2) Accounts receivable category

Item	Closing Balance				Booking value
	Booking balance		Provision		
	Amount	%	Amount	%	

Item	Closing Balance				Booking value
	Booking balance		Provision		
	Amount	%	Amount	%	
Bad debt provision on group	749,167,294.94	100.00	136,234,112.03	18.18	612,933,182.91
(1) Accounting age as characters	492,240,628.86	65.71	136,234,112.03	27.68	356,006,516.83
(2) Related party within consolidation scope	256,926,666.08	34.29	-	-	256,926,666.08
Total	749,167,294.94	100.00	136,234,112.03	18.18	612,933,182.91

(Continued)

Item	Opening Balance				Booking balance
	Booking balance		Provision		
	Amount	%	Amount	%	
Bad debt provision on group	737,611,736.89	100.00	107,657,087.39	14.60	629,954,649.50
(1) Accounting age as characters	388,615,076.25	52.69	107,657,087.39	27.70	280,957,988.86
(2) Related party within consolidation scope	348,996,660.64	47.31	-	-	348,996,660.64
Total	737,611,736.89	100.00	107,657,087.39	14.60	629,954,649.50

1) Bad debt provisions on group basis

Aging	Closing Balance		
	Accounts receivable	Provision for bad debts	Drawing Proportion (%)
Within 1 year	204,061,949.25	14,325,148.84	7.02
1-2 years	120,426,154.82	20,159,338.32	16.74
2-3 years	58,073,083.27	17,903,931.57	30.83
3-4 years	49,782,646.14	24,557,779.34	49.33
4-5 years	2,186,288.76	1,577,407.34	72.15
Over 5 years	57,710,506.62	57,710,506.62	100.00
Total	492,240,628.86	136,234,112.03	—

(3) Bad debt provision

Category	Opening balance	Change during the year				Closing Balance
		Accrued	Collected/reversed	Written-off	Other	
Bad debt provision	107,657,087.39	27,893,374.74	-	758,749.50	1,442,399.40	136,234,112.03
Total	107,657,087.39	27,893,374.74	-	758,749.50	1,442,399.40	136,234,112.03

(4) Accounts receivable written off in current period.

Item	Written off amount
Receivable actually written off	758,749.50

(5) Based on closing balance ranking, sum of the top five significant receivable and contract asset are 328,102,168.30 Yuan, representing 37.42% of total receivables and contract asset at the year end. 50,866,005.17Yuan bad debt provision is provided respectively.

2. Other Receivables

Item	Closing Balance	Opening Balance
Interest receivable	-	-
Dividend receivable	110,000,000.00	-
Other receivable	28,883,665.74	36,021,805.53
Total	138,883,665.74	36,021,805.53

2.1 Dividend receivable

Item	Closing Balance	Opening Balance
Sonyo Compressor (Dalian)Co., Ltd.	110,000,000.00	-
Total	110,000,000.00	-

2.2 Other receivable

(1) The category of other receivables

Items	Closing Balance	Opening Balance
Receivables and payables	20,260,866.63	22,444,622.16
Deposits	8,478,407.11	13,733,003.58
Petty cash	580,451.46	589,402.48
Total	29,319,725.20	36,767,028.22

(2) Other receivable listed by account aging

Aging	Closing Balance	Opening Balance
Within 1 year	3,049,940.86	10,080,508.11
1-2 years	3,316,384.23	4,307,883.00
2-3 years	1,315,000.00	20,750,000.00
Over 3 years	21,638,400.11	1,628,637.11
3-4 years	20,210,000.00	430,072.11
4-5 years	229,835.11	-
Over 5 years	1,198,565.00	1,198,565.00
Total	29,319,725.20	36,767,028.22

(3) The bad debt provision of other receivable

bad debt provision	1st stage	2nd stage	3rd stage	Total
	Expected credit loss within 12 months	Expected credit loss within the whole period (no impairment)	Expected credit loss within the whole period (impairment incurred)	
Opening balance	596,484.59	-	148,738.10	745,222.69
Opening balance during the year	—	—	—	—
--transfer to the 2 nd stage	-	-	-	-
--transfer to the 3 rd stage	-	-	-	-
--reverse to the 2 nd stage	-	-	-	-
----reverse to the 1 st stage	-	-	-	-
Accrued	-	-	-	-
Reverse	273,476.68	-	-	273,476.68
Cancelation	-	-	-	-
Written off	35,686.55	-	-	35,686.55
Other movement	-	-	-	-
Closing balance	287,321.36	-	148,738.10	436,059.46

(4) Bad debt provision details

Category	Opening balance	Change during the year				Closing Balance
		Accrued	Collected/ reversed	Written-off	Others	
Bad debt provision	745,222.69	-	273,476.68	35,686.55	-	436,059.46
Total	745,222.69	-	273,476.68	35,686.55	-	436,059.46

(5) Other receivables from the top 5 debtors

Name	Category	Closing Balance	Aging	% of the total OR	Closing Balance of Provision
Top 1	Receivable	20,000,000.00	3-4 years	68.21	-
Top 2	Other deposit	1,100,000.00	Over5 years,	3.75	40,260.00
Top 3	Bid deposit	1,000,000.00	1-2 years	3.41	36,600.00
Top 4	Bid deposit	800,000.00	Within 1 year	2.73	29,280.00
Top 5	Bid deposit	800,000.00	Over5 years,	2.73	29,280.00
Total	—	23,700,000.00	—	80.83	135,420.00

3. Long-term equity investments

(1) Category of long-term equity investments

Item	Closing Balance			Opening Balance		
	Closing Balance	Provision	Book Value	Opening Balance	Provision	Book Value
Investment of subsidiaries	2,416,830,861.29	-	2,416,830,861.29	2,163,545,361.29	-	2,163,545,361.29
Investment of affiliates and JV	513,550,283.58	-	513,550,283.58	557,452,792.51	-	557,452,792.51
Total	2,930,381,144.87	-	2,930,381,144.87	2,720,998,153.80	-	2,720,998,153.80

(2) Investments of subsidiaries

Investee	Beginning balance	Provision for impairment at beginning of year	Increase/Decrease				Ending balance	Provision for impairment at year end
			Increased	Decreased	Provision for impairment	Others		
Dalian Bingshan Group Engineering Co., Ltd	193,749,675.77	-	100,000,000.00	-	-	-	293,749,675.77	-
Dalian Bingshan Group Sales Co., Ltd	20,722,428.15	-	-	-	-	-	20,722,428.15	-
Dalian Bingshan Air-Conditioning Equipment Co., Ltd	45,272,185.00	-	8,000,000.00	-	-	-	53,272,185.00	-
Dalian Bingshan Guardian Automation Co., Ltd	50,638,361.52	-	-	-	-	-	50,638,361.52	-
Dalian Bingshan-RYOSETSU Quick Freezing Equipment Co., Ltd	59,356,051.19	-	-	-	-	-	59,356,051.19	-

Investee	Beginning balance	Provision for impairment at beginning of year	Increase/Decrease				Ending balance	Provision for impairment at year end
			Increased	Decreased	Provision for impairment	Others		
Dalian Universe Thermal Technology Co., Ltd	48,287,589.78	-	-	-	-	-	48,287,589.78	-
Wuhan New World Refrigeration Industrial Co., Ltd	184,674,910.81	-	-	-	-	-	184,674,910.81	-
Dalian Bingshan Engineering & Trading Co., Ltd	71,537,064.86	-	-	-	-	-	71,537,064.86	-
Sonyo Compressor (Dalian)Co., Ltd	1,380,455,603.23	-	-	-	-	-	1,380,455,603.23	-
Sonyo Refrigeration System (Dalian) Co., Ltd	108,851,490.98	-	-	-	-	-	108,851,490.98	-
Sonyo Refrigeration (Dalian) Co., Ltd	-	-	145,285,500.00	-	-	-	145,285,500.00	-
Total	2,163,545,361.29	-	253,285,500.00	-	-	-	2,416,830,861.29	-

(3) Joint ventures& affiliated companies

Investee	Beginning balance	Provision for impairment at beginning of year	Increase/Decrease								Ending balance	Provision for impairment at year end	
			Increased	Decreased	Gains and losses recognized under the equity method	Adjustment of other comprehensive income	Changes of other equity	Cash bonus or profits announced	Provision for impairment	Others			
1. Affiliated company													
Dalian Honjo Chemical Co., Ltd	9819,096.80	-	-	-	-759,072.44	-	-	-	-900,000.00	-	-	8,160,024.36	-
Keinin-Grand Ocean Thermal Technology (Dalian) Co., Ltd	60,089,313.51	-	-	-	-509,338.51	-	-	-	-2,000,000.00	-	-	57,579,975.00	-

Investee	Beginning balance	Provision for impairment at beginning of year	Increase/Decrease								Ending balance	Provision for impairment at year end
			Increased	Decreased	Gains and losses recognized under the equity method	Adjustment of other comprehensive income	Changes of other equity	Cash bonus or profits announced	Provision for impairment	Others		
Dalian Fuji Bingshan Vending Machine Co., Ltd	111,101,339.93	-	-	-	-43,490,921.84	-	-	-	-	-	67,610,418.09	-
MHI Bingshan Refrigeration (Dalian) Co., Ltd.	15,401,109.10	-	-	-	1,142,546.44	-	-	-	-	-	16,543,655.54	-
Dalian Fuji Bingshan Vending Machine Sales Co., Ltd		-	-	-	-	-	-	-	-	-	-	-
Jiangsu Jingxue Insulation Technology Co., Ltd	140,124,248.76	-	-	-	5,840,827.15	-	-	-1,610,172.00	-	-	144,354,903.91	-
Bingshan Metal Technical Service (Dalian) Co., Ltd.	175,313,807.46	-	-	-	31,071,464.97	-	-	-33,134,422.30	-	-	173,250,850.13	-
Dalian Bingshan Group Huahuida Financial Leasing Co., Ltd	45,603,876.95	-	-	-	1,197,707.15	-	-	-751,127.55	-	-	46,050,456.55	-
Total	557,452,792.51	-	-	-	-5,506,787.08	-	-	-38,395,721.85	-	-	513,550,283.58	-

4. Operating revenue and cost

Item	Current year		Last year	
	Revenue	Cost	Revenue	Cost
Revenue from main operation	1,075,630,556.46	894,335,541.56	976,567,011.13	853,599,677.62
Revenue from other operation	71,936,541.24	55,064,727.51	71,575,982.20	56,250,851.97
Total	1,147,567,097.70	949,400,269.07	1,048,142,993.33	909,850,529.59

5. Investment income

Items	Current year	Last year
Long-term equity investment gain under cost method	137,049,291.85	153,482,615.76
Long-term equity investment gain under equity method	-5,506,787.08	-37,651,689.22
Gain from holding of other non-current financial assets	5,782,304.24	20,657,215.39
Discounting fees for bank acceptance note	-159,560.15	-
Gain from disposing long-term equity investment	-	110,083,973.75
Gain from disposal of other non-current financial assets	-	43,296,525.04
Gain on debt restructuring	-	-
Total	137,165,248.86	289,868,640.72

6. Others

None

XVIII. Approval of Financial Statements

The parent and consolidated financial statements of the Company were approved by the Board of Directors of The Company on April 24, 2024.

XIX. Supplementary Information to the Financial Statements

1. Non-operating profit or loss

Items	Current year	Notes
Gain or loss from disposal of non-current assets (including written off part of the impairment provision)	-6,656,241.40	
Government grants recorded into profit or loss	8,263,130.89	
The gain or loss of fair value changes arising from the holding of financial assets and financial liabilities by non-financial enterprises and the loss or profit arising from the disposal of them, apart from the effective hedging for the normal business operation.	14,073,910.32	
Expenses for using funds from non-financial institution recognized in current profit/loss	-	
Profits/loss from investments or management of assets entrusted by others	-	
Investment income on entrusted loan	-	
Assets impairment provision accrued due to force majeure, e.g.: suffering natural disasters	-	
Reversal of impairment provision of accounts receivable separately tested for impairment	3,784,207.57	
Gains from acquisition of subsidiary or associates when initial cost is less than the fair value of identifiable net asset of invested company	-	
Net gain/loss of subsidiary from combination under same control between the beginning of year and consolidation date.	-	
Profits/loss from non-monetary assets exchange	-	
Profit or loss from debts restructuring	1,791,602.29	
One-off expenses incurred for discontinued operation activities such as the expense of relocating employees	3,928,060.93	
Effects of gain/loss from one-off adjustments of gain/loss based on laws and regulations of taxation and accounting.	-	
Share payment arising from the cancellation or modification of share incentive plans	-	
For cash settled share payment, gains and losses arising from changes in the fair value of employee payable after the exercise date	-	
The profits/gains from changes of fair value for investment property subsequently measured at fair value model	-	
Gain/loss on excessive part from the transaction where the trading price is obviously unfair.	-	

Items	Current year	Notes
Gains/ loss from contingencies beyond the normal business	10,206,786.86	
Custodian fees obtained from entrusted operations	-	
Non-operating revenue and expense besides the above items	2,831,968.96	
Other profit or loss	-	
Subtotal	38,223,426.42	
Effect on income tax	5,162,725.13	
Attributable to minority shareholders' equity (after tax)	168,249.63	
Total	32,892,451.66	

2. Return on equity and earnings per share

Profit of report period	Weighted average return on net assets (%)	Earnings per share (EPS)	
		Basic EPS	Diluted EPS
Net profit attributable to shareholders of parent company	1.63	0.06	0.06
Net profit after deducting non-recurring gains and losses attributable to shareholders of parent company	0.54	0.02	0.02

Bingshan Refrigeration & Heat Transfer Technologies Co., Ltd
April 24, 2024